Oil, Paint and Drug Reporter

The Chemical Market Authority Since 1871

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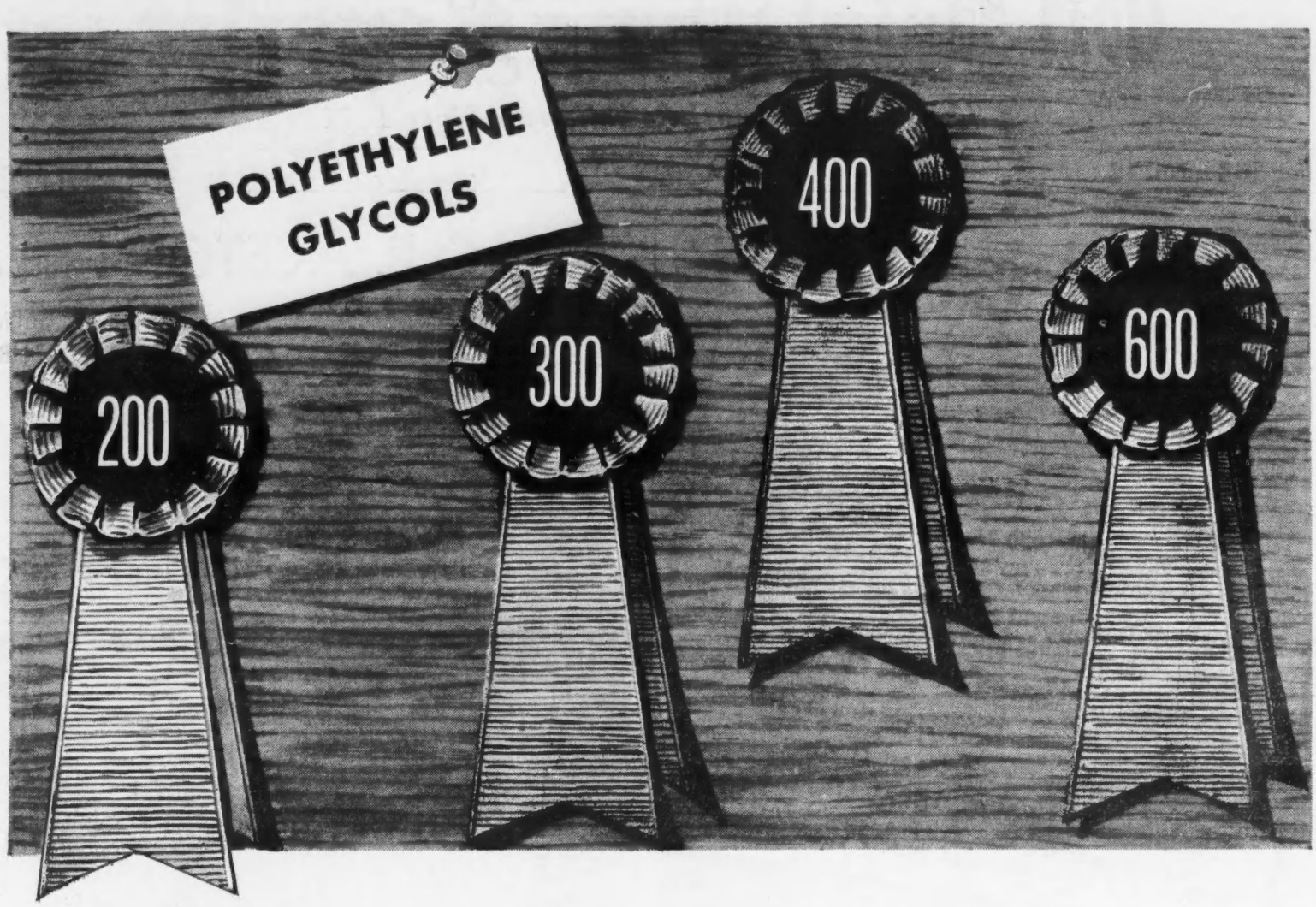

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Chemicals Use in Foods Held Needing Controls

Testifying at the opening hearing of the select committee of the house investigating the use of chemicals in food, September 14, Dr. Paul B. Dunbar, Commissioner of Foods and Drugs recommended a revision of the federal food, drug, and cosmetic act which would require all chemicals used in foods to be pretested for their safety.

He was supported in his argument that some new form of protection must be afforded consumers against the heavy influx of new chemicals now entering into foods at one stage or another by Dr. Anton Carlson, professor emeritus of physiology at the University of Chicago.

The hearings before the committee are for the purpose of gathering facts relative to the use of chemicals in foods as a guide for congress in legislating on the subject. It is not the intention of the committee to get into the details of chemistry, but simply to draw a picture that will be helpful to congress in fixing policy. The hearings will be in three phases, the first related to chemicals used in food processing, the second related to chemical insecticides, and the third related to chemical fertilizers.

Comparison with New Drugs

The suggestion of Dr. Dunbar was that some form of control over the chemicals such as is now applied in connection with the introduction of new drugs to the market, be applied in connection with foods. He proposed that before a chemical can be used in foods, it shall be up to the user to prove that it is safe and will have no deleterious effects on consumers.

In support of his arguments, Dr. Dunbar drew on some of the notable cases in the past of fatalities caused by the improper introduction of new products on the market without adequate pretesting.

Explosives Rules Revised

The Interstate Commerce Commission announced a series of amendments to existing regulations relating to the transportation of explosives and other dangerous articles September 9. The amendments become effective November 27.

The changes for the most part are designed to bring existing regulations up to date with new designs for the packaging and handling of dangerous articles and to add new materials to the list of articles which must be packaged in specific containers. The amendments were published in the *Federal Register* of September 9.

Flaxseed Crop Support $2.65 per Bushel in 1951

The Production and Marketing Administration, Department of Agriculture, announced September 13 that 1951-crop flaxseed will be supported at an average price of $2.65 a bushel. This year (for the 1950 crop) the average farm support price, based upon 60 percent of the parity price for flaxseed as of April 1, 1950, is $2.57 a bushel.

Support for the 1951 crop will be implemented in the same way as for the 1950 crop, by loans and purchase agreements, but in specified counties in Texas by direct purchases only. Terminal and county support prices for U. S. No. 1 flaxseed, as well as the discount for U. S. No. 2, will be established by the Commodity Credit Corporation to reflect the average support of $2.65 a bushel.

ICC Acts to Speed Freight Car Movement

Orders designed to accelerate the movement of freight cars throughout the country and relieve a nationwide freight car shortage were issued September 12 by Commissioner James K. Knudson of the Interstate Commerce Commission, who became czar of rail and motor transportation in the defense program when he was given supervision by the ICC bureau of service. Three orders were issued to increase demurrage charges, speedup turn-arounds, and limit the use of freight cars for less-than-carload shipments.

The demurrage order provides that if a freight car is not loaded or unloaded within the forty-eight-hour free-time period allowed by the railroads, the shipper must pay $5 a car a day for the first two days the car is held overtime, $10 for the second two days, and $20 a day thereafter. The present penalty is $3 a day for the first four days and $6 a day thereafter.

The other directives require railroads to move freight cars twenty-four hours after they are made available for movement in a yard or warehouse area, and restricts the use of freight cars for less-than-carload shipments within a municipal switching area.

The demurrage order and the turn-around order were made effective 7 a. m. September 15, and will continue until April 1. The third order becomes effective September 20 and expires March 31.

Price Trend Continues Rise

There was a bit less breadth of the upward movement of prices in the markets for chemicals and related materials last week. So, the overall gain was a little less than in the preceding week although at least as many items were affected. There was a slight decline in the drug division. Metallic salts and coaltar chemicals were particularly potent in the elevating. They got more than a little assistance from other organics and, naturally, from essential oils, where domestic products went along with Orientals.

The week's increase in the overall index number of prices was 1.4 points, which put it 6 points above the corresponding 1949 mark and took it back into the first quarter of that year. The end is not in sight and it is certain that some of the past week's individual boosts will shortly become marketwide. Benzol, naphthalene, and copper are examples. Nitrocellulose goes up this week. The October 1 list is long.

The upgoing in metals and more largely their salts comprised antimony, bismuth, lead, nickel, platinum, quicksilver, tin, and zinc. Other advanced heavies included magnesium and sodium carbonates, except soda ash, Canadian ammonium nitrate, sodium hydrosulphite, tartrates, calcium and sodium silicates, and phosphorus chlorides. Advances were general in glycerophosphates, phthalates, and stearates and, among organics, in alkyl amines, esters, and ethers, glycols and their ethers. Formaldehyde and its derivatives went up along with methanol. Coal producers advanced benzol; but increases were general for cresylic acid, tar acid oil, paradichlorobenzene, cyclohexylamines, toluidin, and xylenols.

Animal, fish, and fishliver oils were advanced. Edible vegetable oils were reduced. Demand was the potent influence. Vegetable oil fatty acids were upped along with oleic. The only change in waxes was a cut in carnaubas. Fishmeal and scrap were lowered.

Botanical drugs were idle. Condiments were a bit on the downside, including black pepper. No aromatic oils were reduced; but menthol was. Corn products were advanced again.

Production operations were materially reduced because of inability to get soda ash and chlorine. The underlying labor conditions brightened a little; one producer resumed operations, but helped little in chlorine and that is getting worse.

OPD Price Index

The OIL, PAINT AND DRUG REPORTER'S relative record of prices for chemicals and related materials is currently as follows:—

Sept. 15, 1950	Sept. 8, 1950	Dec. 30, 1949	Sept. 16, 1949
135.6	134.2	124.8	129.6

The base of the OPD Price Index is the average of prices in 1926 and 1936, those years representing extremes of price undulations in the interwar period.

OPD Index Monthly Averages

	1950	1949	1947	1946	1941
January	123.2	142.0	150.9	135.3	107.3
February	121.3	140.4	151.9	135.4	110.3
March	121.8	137.6	154.9	135.2	111.9
April	121.0	133.6	152.3	134.9	115.5
May	120.6	131.2	146.1	135.1	118.2
June	120.7	128.7	143.9	135.4	121.9
July	122.8	128.1	142.5	137.7	123.5
August	128.8	128.9	140.4	136.6	128.2

Chemical Industry Leaders Called To Meet with NPA September 22

Invitations have gone out to about fifteen leaders in the chemical industry to meet with officials of the Department of Commerce's National Production Authority in Washington September 22, it was learned last week. The department refused to divulge which industry men had been invited.

The meeting was called for the purpose of formulating an industry advisory committee and to allow NPA officials to receive industry's views on supply and demand in chemicals and on how the defense production act of 1950 should be administered.

This action was planned shortly after President Truman exercised the powers and authority granted him in the defense production act to control prices, wages, credit, distribution of materials and movement of freight, which powers were scattered among existing department and new agencies in the first of a series of governmental steps to mobilize industry for the defense program.

In an executive order issued twenty-four hours after he signed the defense production act into law September 8, the President authorized the establishment of an Economic Stabilization Agency to handle all wage and price control problems, and transferred his authority to issue priorities and allocate materials and services:—

1. To the Secretary of the Interior with respect to petroleum, gas, solid fuels and electric power.
2. To the Secretary of Agriculture with respect to food, and with respect to the domestic distribution of farm equipment and commercial fertilizer.
3. To the bureau of service of the Interstate Commerce Commission with respect to domestic transportation, storage and port facilities, or the use thereof, but excluding air transport, coastwise, intercoastal and overseas shipping.
4. To the Secretary of Commerce with respect to all materials and facilities except as provided in 1, 2, and 3 above.

Meeting Manpower Need

The Secretary of Labor was directed in the order to "meet most effectively the labor needs of defense industry and essential civilian employment" by assembling information on labor requirements, checking the probable effect of contemplated actions on labor supply, and determine the occupations critical to defense and essential civilian requirements. The Federal Reserve Board was directed to apply controls over credit on consumer purchases, including real estate loans.

Mr. Truman appointed W. Stuart Symington, chairman of the National Security Resources Board, as defense coordinator, with authority to oversee the operation of the other agencies and handle disputes between the agencies. His job will be pretty much the same as that of former Justice James F. Byrnes in the last war.

Agencies Moved Quickly

The various agencies moved quickly to give effect to the Presidential order. Within an hour after the signing of the

—*Continued on page 78*

Copper Industry Advisory Group Named by NPA

Formation of a primary copper producers industry advisory committee was approved by industry representatives at a meeting September 12 with Secretary of Commerce Charles Sawyer and National Production Authority Administrator William H. Harrison. The industry representatives present consented to serve on the new committee. Additional members, representative of the entire industry, will be added later, NPA said.

The meeting was called to obtain the views of the primary copper producers on the administration of the defense production act as it may apply to their industry. The industry group pledged its full cooperation to NPA in carrying out the home-front mobilization program.

Following an analysis of foreign and domestic sources of supply, the group held a general discussion, preliminary to recommendations to be made later regarding priorities and allocations policies and procedures. Industry representatives at the meeting were:—

Simon Strauss, American Smelting & Refining Company; Robert Dwyer, Anaconda Copper Company; Robert G. Page, Phelps Dodge Corporation; Charles R. Cox, Kennecott Copper Corporation; Norman Hickman, American Metal Company; A. J. McNab, Magma Copper Company & Newmont Mining Corporation; W. W. Lynch, Calumet & Hecla Consolidated Copper Company; M. A. Caine, Tennessee Corporation, and A. H. Singer, Miami Copper Company.

Export Controls Tightening Due to Defense Plans Seen

A reversal in the two-year trend toward fewer export controls may be expected as the result of the outbreak of war in Korea and the accelerated United States defense program, Secretary of Commerce Charles Sawyer said September 14.

In his twelfth quarterly report under the export control act of 1949 to the President and to congress, the secretary said that the department, with the aid of interdepartmental advisory committees, is now reviewing the export control implications of recent developments as they affect security and short supply problems.

"The Department will use its export control authority, as the need arises, to limit exports to the extent necessary to protect the domestic economy against supply shortages which may result from accelerated military procurement," the secretary said. "In such an event, the determination of appropriate quotas will be based upon the advice of the interdepartmental committees and will take into consideration both domestic supply and requirements and the necessity of meeting essential foreign requirements."

Synthetic Rubber Plant To Be Operated by 3M

The Minnesota Mining Manufacturing Company, St. Paul, as agents for the federal rubber reserve agency, and Pacific Rubber Company, as associates, have been awarded the contract to re-activate and operate a $22,000,000 government-owned synthetic rubber plant at Torrence, Calif. Rubber reserve is a division of the Reconstruction Finance Corporation.

The plant, which was operated during World War II by Goodyear Tire & Rubber Company and the U. S. Rubber Company, has an annual capacity of more than 60,000 tons of butadiene rubber.

Fuels Program to Truman

House bill 8975 to extend the synthetic liquid fuels program until April, 1952, and add $27,600,000 to authorized expenditure under the program was passed by the senate September 13 and sent to the president for his signature.

Chemical Industry Facing Control by Three Bosses

Because of "three little words," the chemical industry faces the unhappy prospect of having to respond to three bosses in the defense program setup—that is, unless the industry registers its protests vigorously and quickly.

In dividing up his priorities and allocations authority among the departments, President Truman gave controls over petroleum, solid fuels and gas to Interior; foods and fertilizer to Agriculture, and all other products (presumably chemicals) to Commerce. This was as it should be, but in defining what these terms mean, the president split the chemical industry down the middle.

His order states that solid fuels shall mean all forms of antiracite, bituminous, sub-bituminous and lignitic coals, and coke "and its by-products." By this definition the entire coaltar branch of the chemical industry was handed over to Interior and the producers of coaltar dyes, many pharmaceuticals, and a host of other chemical products will have to look to Interior for their directives. Commerce officials are protesting, but it remains to be seen how successful they will be in getting the controls transferred.

U.S.-China Trade Pact Ending To Boost Tariffs on Many Items

Higher tariff duties soon will be applied on a number of products imported from abroad as a result of the termination by the United States of its trade agreement with China, it was announced by the Department of State September 13. The agreement has been terminated because of China's withdrawal from the general agreement on tariffs and trade last May.

The date when the higher rates will go into effect will depend upon when the President issues his proclamation formally terminating the agreement. The new rates cannot become effective prior to thirty days from the date of the proclamation. Department of State officials thought the proclamation may be issued in about a week or ten days.

Not all of the concessions which were included in the agreement with China will necessarily be washed out by the termination of the agreement, because some of the products involved are of substantial interest to other parties to the general agreement, the department said, and requests have been made by such other countries for consultation on these products. Therefore, the concessions contained in the agreement with China will not be terminated for these products until such consultations have been completed.

Among the concessions involved were many having to do with products important to the chemical and allied industries. In the following listing of such products, the appropriate paragraph number of the tariff act of 1930 is shown, together with the present rate of duty (shown in parenthesis) and the new rate that will become effective after the issuance of the Presidential proclamation.

Products Involved

Paragraph 54 (third)—Peanut oil (3c. per pound), 4c. per pound.

Paragraph 58—Oils, distilled or essential, not mixed or compounded with or containing alcohol:—essential and distilled oils, not specially provided for:—camphor and ho (7½ percent advalorem), 25 percent advalorem.

Paragraph 60—Perfume materials, not containing over 10 percent of alcohol:—musk, grained or in pods (10 percent advalorem), 20 percent advalorem.

Paragraph 209 (third)—Manufactures (except toilet preparations), of which talc, steatite or soapstone, or French chalk is the component material of chief value, wholly or partly finished, and not specially provided for:—if not decorated (17½ percent advalorem), 35 percent advalorem; if decorated (22½ percent advalorem), 45 percent advalorem.

Paragraph 302(c)—Tungsten ore or concentrates (38c. per pound on the metallic tungsten contained therein), 50c. per pound on the metallic tungsten contained therein.

Paragraph 376 (first)—Antimony, as regulus or metal (1c. per pound), 2c. per pound.

Paragraph 376 (second)—Needle or liquated antimony (¼c. per pound), ½c. per pound.

Paragraph 713 (second)—Whole eggs, egg yolk, and egg albumen, frozen or otherwise prepared or preserved, and not specially provided for, whether or not sugar or other material is added (7c. per pound), 11c. per pound.

Paragraph 713 (third)—Dried whole egg, dried egg yolk, and dried egg albumen, whether or not sugar or other material is added (17c. per pound), 27c. per pound.

Paragraph 730 (fifth)—Peanut oilcake and peanut oilcake meal (3/20c. per pound), 3/10c. per pound.

Paragraph 762—Oil bearing seeds and materials—apricot and peach kernel (1½c. per pound), 2½c. per pound; soybeans (1c. per pound), 2c. per pound.

Paragraph 1536—Candles of wax (14 percent advalorem), 27½ percent advalorem.

Paragraph 249(b) (second)—Perilla oil (3c. per pound), 4½c. per pound.

Paragraph 2491(d) (second)—Perilla seed (0.69c. per pound), 1.38c. per pound.

Brooklyne Chemical Officials And Army Workers Indicted

Three officials of the Brooklyne Chemical Works, Baltimore, and two officials of the War Department were indicted by a federal grand jury August 25 on charges of conspiring to defraud the government and accepting and receiving bribes.

The defendants are Leon David, president; D. Edward David, vice-president and director, and Joseph Naviasky, general manager of Brooklyne Chemical Works, and Charles H. Durner, administrative officer and Frank V. Wilinsky, assistant administrative officer at the Curtis Bay Ordnance Depot.

Brooklyne Chemical Works is in bankruptcy and is in the hands of the federal court at Baltimore. In schedules filed last July 7, it was disclosed it has assets of $2,732,438, and liabilities of $3,940,440. Leon David was described as the sole stockholder.

The indictments grow out of certain alleged transactions between Patapsco Smelting & Refining Company, described as a partnership completely controlled by Brooklyne, and the government officials, involving payments for four shipments of scrap metal valued at more than $115,000. Judge W. Calvin Chesnut set bail for all the defendants except Mr. Wilinsky at $10,000. Bail for Mr. Wilinsky was fixed at $1,000.

Monsanto Promotes Watt, Loeffler in Organics Div.

L. A. Watt, director of development for Monsanto Chemical Company's organic chemicals division, has been appointed special assistant to the division's general manager, it was announced today by general manager W. G. Krummrich. A. T. Loeffler, general manager of the company's New York branch office, will succeed Mr. Watt. The changes will take place January 1, 1951.

In his new position, Mr. Watt will serve as an adviser on development matters in addition to handling special assignments. Mr. Loeffler is expected to begin the transition to his new assignment soon.

Mr. Watt became director of Monsanto's organic chemicals division development department when it was formed in 1943. He has been with the company since 1919, serving successively as head of the St. Louis analytical and control laboratories, technical advisor in the sales department, manager of sales in the central division and director of the technical service department.

Mr. Loeffler has been general manager of Monsanto's New York branch office since 1939. He was employed by Monsanto in 1937 as assistant branch manager in New York.

ECA Strategic Materials Division Headed by Stott

Charles E. Stott, deputy director of the Marshall plan's strategic materials division, will succeed C. H. Burgess as director on September 29. Mr. Burgess, who served as director since November, 1949, has resigned to become treasurer of the United Electric Coal Companies, Chicago. Mr. Stott, a mining engineer and geologist, who has been with the strategic materials division since February, 1949, was in the continuous employ of the American Metal Company, Ltd., and its subsidiary companies for over twenty years, including ten years as vice-president and general manager of that company's mining, milling and smelting operations in Mexico.

Heyden Sells Caustic Plant At Memphis to Arvey Corp.

Heyden Chemical Corporation, New York, and Arvey Corporation, Chicago, in a joint statement last week announced the sale of the former's Memphis, Tenn., plant to the latter concern. The transaction, which was concluded recently, provides for the closing of the plant and transfer of Heyden's assets at Memphis to Arvey sometime in October. The plant, prior to its sale, produced liquid caustic soda and chlorine. Plans for its future use were not revealed.

Silicate Prices Advanced By Cowles Chemical Co.

Cowles Chemical Company, Cleveland, has increased its prices on detergent silicates, effective immediately on spot and October 1 on contract. New prices, f.o.b. works, are as follows:—

Sodium metasilicate pentahydrate, carloads and truckloads, freight equalized, $3.75 per 100 pounds in bags and $4.15 in drums; sodium metasilicate anhydrous, carloads, $4.60 per 100 pounds in bags and $4.85 in drums, and truckloads, $4.70 per 100 pounds in bags and $4.95 in drums; sodium sesquisilicate anhydrous, in drums, $5.50 per 100 pounds for carloads and $5.60 truckloads, and sodium orthosilicate anhydrous, carloads and truckloads, freight equalized, $6 per 100 pounds in drums.

National Lead Offers New Vinyl Plastics Stabilizers

The National Lead Company, New York, announced September 11 two new stabilizers for use in vinyl plastics. "Dutch Boy CS-137" and "Dutch Boy Barinac" are both designed for use in clear plastic compounds, where exceptional heat and light stability are required. The former, a sodium-barium organic complex, is available at $1 per pound in 100-pound drum quantities, f.o.b. Perth Amboy, N. J., while the latter, a new barium ricinoleate, is offered at 66 cents per pound, same basis.

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To Get Olney Medal

Dr. George L. Royer, director of the physical chemical research section of the Calco Chemical Division of American Cyanamid Company, has been selected to receive the Olney Award medal, granted annually for outstanding achievement in the field of textile chemistry. He will receive it at the convention of the American Association of Textile Chemists and Colorists, to be held in Portsmouth, N. H., September 28 to 30.

Alabama By-Products Plans Battery of 29 Coke Ovens

Alabama By-Products Corporation, Birmingham, plans immediate construction of an additional battery of twenty-nine coke ovens capable of producing 150,000 tons annually of coke and related quantities of essential coal chemicals at its plant in Tarrant, Ala. The contract has been let to Koppers Company, Pittsburgh. It is anticipated that this new battery of ovens will be completed and placed in operation during July of next year.

Glycols Advanced Further

Glycol producers, who earlier had effected a boost of one cent per pound, late Friday announced an additional increase of one-half cent. The new contract schedules for tankcar quantities, which take effect October 1, call for 17½ cents on diethyleneglycol and NF propyleneglycol, 13½ cents on dipropyleneglycol, 16 cents on ethyleneglycol, 16½ cents on technical propyleneglycol and 20½ cents per pound on triethyleneglycol.

Antitrust Chief Resigns

The resignation of Herbert A. Bergson as assistant attorney general in charge of the antitrust division of the Department of Justice was announced September 14 by President Truman. The resignation takes effect at the end of this month. It is understood that Mr. Bergson plans to enter the private practice of law with offices in Washington, D. C.

Senate Cuts Bauxite Duty

A bill reducing the duty on calcined bauxite from $3 to $1 per long ton was passed by the senate September 13. The bill (H.R. 5226) goes back to the house for final action because of an amendment made by the senate which would exempt certain lumber production products from import taxes.

Sander Promotes Tanney

The Monroe Sander Corporation, manufacturer of industrial finishes, synthetics and chemicals, Long Island City, N. Y., has elected Harold R. Tanney as vice-president in charge of production. He was formerly assistant treasurer.

Who Has It?

Inquiries in the OPD editorial office seek sources from which the materials listed below can be obtained. Information will be gratefully received here:—

Alpha - alphadimethylalphacarbobutoxydihydrogammapyrone.

Lithium salt of mononitroparahydroxybenzoic acid.

Metadimethylaminophenol.

Methyl vinyl ketone.

Trihexylphenidyl - 3 - (1-piperidyl)-phenyl-1-cyclohexyl-1-propanol hydrochloride.

Mint Crop Estimate For 1950 Raised 2%

The Bureau of Agricultural Economics raised the estimated output of the commercial mint crop for this year by 2 percent over the August 1 forecast in its September indicated acreage and production report released September 11.

The bureau placed the 1950 prospective output of mint at 2,153,000 pounds of which 1,627,000 pounds is peppermint and 526,000 pounds is spearmint. This represents an increase of 3 percent in the peppermint yield and 1 percent in spearmint over the August 1 estimate.

This year's total production is 1 percent below the 1949 crop of 2,168,000 pounds but 40 percent above the 1939-48 average of 1,541,000 pounds. Peppermint production is 2 percent above the 1949 output of 1,595,000 pounds and one-third above the average of 1,220,000 pounds. Spearmint is 8 percent less than last year's crop of 5,573,000 pounds, but 64 percent above the average of 321,000 pounds.

The prospective yield per acre of spearmint increased during August in Michigan as did that for peppermint in Michigan and Washington. The indicated Oregon yield of peppermint declined sharply due to rust in the lower Columbia River area and spotted infections in the Willamette Valley.

The acreage of spearmint for 1950 harvest declined 10 percent in Michigan and 24 percent in Indiana from the previous year. Total acreage of peppermint for harvest is 46,000 acres, 600 acres more than was harvested in 1949 and 16 percent above the ten-year average of 39,810 acres. Michigan and Washington have a larger acreage than in 1949 while a smaller acreage is being harvested in Indiana and Oregon this year.

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SOCMA Gets Picture Of European Economy

A strong European economy is essential to the economic welfare of the United States, said W. Stewart Hotchkiss in a talk to the Synthetic Organic Chemical Manufacturers Association at its monthly meeting in New York September 13. This country cannot endlessly provide money for the improvement or maintenance of European economy; it must strive to instill in European industry the continuance of high productivity and a better practice of market study. It is necessary, Mr. Hotchkiss said, that wages ther be raised and profits reduced in order that the relation of wages and prices may provide a more adequate buying power. To put the economy of Europe on a satisfactory basis without undue threat to that of the United States, the living standards in those countries must be raised.

Mr. Hotchkiss, a consulting engineer, was engaged some months ago by the association to make a survey of European economy. His talk at the meeting was a supplement of personal views for his formal report. He stressed the necessity of knowing the people with whom you desire to cooperate for improvement, and pointed out that Europeans who know Americans only by contacts, largely business, in their countries have a concept of the American which is not conducive to helpful relations. There is a lack of understanding on both sides, he said, and Americans, although able to sell their goods and processes in Europe do not sell themselves. Better personal contacts are needed, and better personnel aid.

European industry, as viewed by Mr. Hotchkiss, is handicapped by an excessive number of producers and a lack of competitive price systems. Its manhour output is low. Market research and development policies are almost unknown. Statistical data are withheld, and management controls of costs and related practices are largely lacking.

In respect of employment and production, the results of the ECA program have been good, Mr. Hotchkiss said. But it is inadequately understood. British conservatives blame it for the maintenance of the socialistic regime. The French are little

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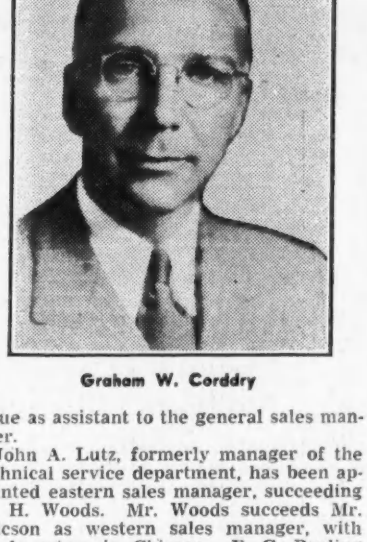
Foreign Market Lists

Lists of foreign outlets for chemicals and related materials and consumers goods, recently compiled by the Commercial Intelligence division of the United States Department of Commerce, include the following, which are available from the division at $1 a list for any one country:—

Beverage manufacturers—Republic of Panama.
Chemical importers, dealers—Egypt.
Hospitals—The Netherlands; Panama.
Laundry & dry cleaning industry—Chile.
Medicinal & toilet preparation importers, dealers—Greece; Iraq; manufacturers—United Kingdom.
Oil (animal, fish, vegetable) importers, dealers, etc.—Indonesia; Venezuela.
Paint & varnish importers, dealers—Portuguese East Africa; Denmark.
Paint, varnish & pigment manufacturers, etc.—Chile.
Photographic supply dealers, photographers—Costa Rica.
Tanneries—Australia.

Titanium Pigment Elects Corddry Vice-President

Election of Graham W. Corddry as vice-president in charge of sales of Titanium Pigment Corporation, subsidiary of National Lead Company, was announced September 13 by Joseph H. Reid, manager of National Lead Company's Titanium Division. K. W. Ericson, formerly western sales manager of the corporation, has been appointed general sales manager, succeeding Mr. Corddry. H. L. Jungmann will continue as assistant to the general sales manager.



Graham W. Corddry

John A. Lutz, formerly manager of the technical service department, has been appointed eastern sales manager, succeeding W. H. Woods. Mr. Woods succeeds Mr. Ericson as western sales manager, with headquarters in Chicago. E. G. Burling will continue as Pacific Coast sales manager, with headquarters in Los Angeles.

Earl W. Diener, formerly in charge of the New England territory, has been appointed a district sales manager, the district consisting of the New York, New England and Pittsburgh areas. W. F. Mal-

—Continued on page 78

Stauffer Plans California Sulphuric Acid Facilities

Stauffer Chemical Company, San Francisco, announced September 13 that it will build a large, modern sulphuric acid unit in Southern California. Tentative plans call for its location at Vernon, although several other places are under consideration.

At Vernon, site of Stauffer's first Southern California operations, in 1918, are located facilities to manufacture superphosphate fertilizer, both single and ammoniated, refined and ground sulphurs, a complete line of insecticides, and both plastic and rubber storage battery containers, covers and accessories.

The unit will be designed and built by the Leonard Construction Company but will embody the "know-how" of Stauffer's sixty years experience in making sulphuric acid. Construction will get under way shortly and completion is planned for next summer.

Washington Talks It Over

By Ralph L. Cherry

Washington is again taking on all the appearances of a wartime capital of the world. Life is becoming one round of conferences after another between officials of the various departments and agencies, and with groups of industrialists. Telephone lines are being kept hot with incoming and outgoing long-distance calls. Hotel space is tightening up. Business establishments are reopening "Washington offices" where they can keep ears closer to the ground for signs of the next development in the defense program.

A whole new list of alphabetical agencies is in the making to handle various phases of the defense production act; with which businessmen will have to acquainot themselves before long. A few have been established; others are just on paper; and still others are as yet figments of imagination. Those that are definitely known are:—ESA (Economic Stabilization Agency); NPA (National Production Authority) with its subordinate groups—PB for Programs Bureau, IOB for Industry Operations Bureau, and ACPA for Advisory Committee on Priorities Administration; (MEA) Minerals and Energy Administration.

Actually, official Washington is just feeling its way along, moving slowly but surely along the way toward strict controls over industry and commerce. Although President Truman defined the areas of jurisdiction among the various departments in his executive order delegating his powers under the defense production act, there are still a few areas of conflict on who gets the authority to regulate this or that product which is closely associaed with the work of two different departments. For example benzene is claimed by the Department of the Interior because Mr. Truman specifically assigned solid fuels to Interior and defined them to be coke and its byproducts. There is molasses, which the Department of Agriculture claims—and is likely to get—because it is so important as a feedstuff for cattle, although its big use now will have to be for the making of alcohol to meet the requirements of the synthetic rubber program.

Most inquiries being made of Washington are variations of the questions, when is this or that product going under allo-

—Continued from page 36

Paint Industry Workers Minimum Wage of 85 Cents Recommended

A minimum wage rate of 85 cents an hour for workers in the paint and varnish industry employed on government contract work was recommended by Joseph F. Battley, president of the Paint, Varnish and Lacquer Association September 14, at a hearing before the wage and hour and public contracts divisions of the Department of Labor.

At the same time, Mr. Battley urged that a differential of 10 cents an hour below this minimum be allowed for workers in the southeast, southwest and border states, and that a 5 cents per hour differential below the minimums be allowed for probationary workers, with the probationary period fixed at not to exceed six months.

Labor representatives countered with a request that the minimum wage rate be set at not less than $1 per hour and that there be no differential allowed as between workers employed in the north and those employed in other sections of the country. They urged that management take the initiative and fix the minimum at the higher figure instead of waiting for legislation which they predicted congress will pass next year fixing minimums for all industries at $1 per hour.

The hearing was held at the call of Secretary of Labor Maurice J. Tobin for the purpose of making a new determination of the prevailing minimum wage for the paint, varnish and lacquer industry which is to be paid by employers having contracts with the federal government in excess of $10,000. Prior to the establishment of a new wage minimum for all industry by congress at the first of this year of 75 cents an hour, the prevailing wage for this industry was determined to be 50 cents an hour in the north and 40 cents in the south.

Variation in Minimums

The Bureau of Labor Statistics recently completed a wage survey of the industry which showed a wide variation in the wage minimums. It was estimated that 63 percent of the number of establishments and 76 percent of the number of workers in the industry were covered by the survey. It showed that 1,109 establishments or 79.4 percent of the total number, employing 36,306 workers, paid not less than 80 cents an hour. At the top of the scale were 402 plants, or 28.7 percent of the total establishments, with 14,013 workers, which did not pay less than $1.15 an hour.

It was emphasized in the hearings that the paint and varnish industry is essentially an industry of "little businesses" and that there were comparatively few concerns that operated outside of their own local areas. It was stated that because of the high freight costs, most of the paint manufacturers are limited to a sales area of about 300 miles around their plant or warehouse.

Consider 85 Cents Average

In urging the minimum wage be set at no higher than 85 cents an hour, General Battley showed from the figures of the BLS that this would be in line with the industry's present-day pattern. He pointed that the BLS figures show that one out of every three plants in the industry now pays 85 cents an hour and therefore this can be regarded as the prevailing minimum wage.

Mathieson Shifts Staff Of Operating Division

Changes in the operating division of Mathieson Chemical Corporation, Baltimore, have been announced by the company. The transfer of some personnel and the promotion of others are a result of the firm's several expansion programs.

R. B. Worthy, vice-president, formerly general manager of both the Saltville, Va., and Baltimore operations, will now devote his entire time to the Saltville operations where he will make his headquarters. His new responsibilities include supervision of the construction and operation of the new $6,000,000 electrolytic chlorine plant at Saltville.

Arthur T. Bennett, vice-president, formerly general manager of Southern Acid & Sulphur Company operations, with headquarters in Houston, has been appointed general manager of the Baltimore operations. Mathieson's southwestern plants, formerly operated as a group, have been formed into separate operating divisions with the following management:

Joseph Mullen, jr., has been appointed operating manager of the Little Rock, Ark., operations which consist of fertilizer and acid plants; H. T. Galt has been appointed assistant operating manager at Little Rock; James S. Gilliam has been named operating manager, sulphur recovery operations, consisting of sulphur recovery plants at McKamie and Magnolia, Ark.; R. T. Braun has been made operating manager of southwestern acid plants operations, consisting of sulphuric acid plants at Port Arthur and Beaumont, Tex., and Bossier City, La.; W. S. Miller has been appointed operating manager of the Houston operations, and John R. Beatty, assistant operating manager. The Houston operations consist of fertilizer and acid plants at Pasadena, a sulphur plant at Houston, and an engineering department for servicing all the southwestern plants.

MM&R to Sell Dow's Propyleneglycol in N.Y.

Magnus, Mabee & Reynard, Inc., has been appointed New York distributor for propyleneglycol NF manufactured by Dow Chemical Company, Midland, Mich., it was announced last week. The appointment was marked by a dinner in the Gramercy Park hotel, New York.

Representing Dow at the dinner were Leo Grant, manager of New York operations, Richard Crider, New York sales representative, B. L. Barry and R. W. Forsythe. Percy, Joseph and Robert Magnus were among the MM&R executives present.

French Leaving Oldbury October 1 for Pfister Post

C. W. French, for the past fifteen years with Oldbury Electro-Chemical Company, New York, the last five of which he was manager of phosphorus compounds, has joined Pfister Chemical Works, Inc., Ridgefield, N. J., effective October 1. Mr. French will work with Mr. A. Bendelius, vice-president and secretary of the New Jersey naphthols and dye intermediates manufacturing firm.

Foreign Sales Leads

Anyone interested in supplying the following inquiries with goods or information can get the full address of the inquirer by communicating — not by telephone, please—with OPD office:—

Chemicals, Recife, Brazil (GD-3); industrial, Guatemala City (GD-11, agency).
DDT, 100% pure powder; Lisbon, Portugal (GD-7).
Insecticides, household, Guatemala City (GD-11, agency).
Medicinal products, 180 different items, Teheran, Iran (GD-1).
Oils & fats, edible, Vienna, Austria (GD-9, agency).
Paint, Colombo, Ceylon (GD-4, agency).
Patent medicines, Colombo, Ceylon (GD-4, agency); (GD-6, agency).
Pharmaceutical products, Recife, Brazil (GD-3); Colombo, Ceylon (GD-10, agency).
Printing inks, colored offset and newspaper, Bangkok, Thailand (GD-8).
Resins, Rio de Janeiro, Brazil (GD-2).
Rosin, Sao Paulo, Brazil (GD-5, agency).
Shellac, Sao Paulo, Brazil (GD-5, agency).
Spices, Rio de Janeiro, Brazil (GD-2).

Barrett Shifts Personnel On Fertilizer Sales Staff

The Barrett Division of Allied Chemical & Dye Corporation, New York, last week appointed Walter S. Colvin sales manager for direct application materials for the midwestern district, with headquarters in Sands Point, Ohio. Direct application materials include "Arcadian" brand nitrate of soda, "A-N-L" brand fertilizer compound and other nitrogen fertilizer materials.

Clifford Camp, sales manager for direct application materials in the southern district, will continue to be located at Columbia, S. C. Borden S. Chronister, chief agronomist for the southern district, now has headquarters at Barrett's new office in Richmond, Va. Mr. Chronister was formerly located at Hopewell, Va.

C. A. Graft is now devoting his entire time to sales and service work on fertilizer manufacture materials, including nitrogen solutions, anhydrous ammonia and sulphate of ammonia in New England, New Jersey, New York and Pennsylvania. P. V. Whiting, a new Barrett representative, is taking over sales of "Arcadian," nitrate of soda and "A-N-L" brand fertilizer compound in this same territory.

Jack F. Dulaney, a new representative, will handle sales and service on fertilizer manufacture materials in Alabama, Mississippi and western Tennessee. Mr. Dulaney will be located at Montgomery, Ala.

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Association Meetings

Affiliated Drug Stores, New Yorker hotel, New York, October 1-5.

American Association of Textile Chemists and Colorists, Portsmouth, N H., September 28-30.

American Bar Association, Food, Drug and Cosmetic Law Division, annual meeting, Federal Security Agency auditorium, Washington. D C. September 18-22.

American Council of Commercial Laboratories, Waldorf-Astoria, New York, November 14-15.

American Drug Manufacturers Association and American Pharmaceutical Manufacturers Association, combined contact committee meeting, Washington hotel, Washington, D. C., October 23-24.

American Gas Association, Atlantic City, October 2-6.

American Institute of Chemical Engineers, Neal House, Columbus, Ohio, December 3-6.

American Oil Chemists Society, Sir Francis Drake hotel, San Francisco, September 26-28.

American Petroleum Institute, Biltmore and Ambassador hotels, Los Angeles, November 13-16

American Pharmaceutical Manufacturers Association, Waldorf-Astoria hotel, New York, November 27-29; Boca Raton, Fla., April 2-4, 1951; Greenbrier, White Sulphur Springs, W. Va., March 26-28, 1952.

American Society for Testing Materials, spring meeting and committee week, Cincinnati, Ohio, March 5-9, 1951; annual meeting, Atlantic City, N. J., June 18-22, 1951; spring meeting and committee week, Cleveland, Ohio, March 3-7, 1952; annual meeting, New York, N. Y., June 23-27, 1952.

Associated Chain Drug Stores, New Yorker hotel, New York, September 24-27

Association of Consulting Chemists & Chemical engineers, annual meeting, Shelburne hotel, New York, October 24.

Chemical Market Research Association and Commercial Chemical Development Association, joint meeting, Mayflower hotel, Washington, D. C., October 3-4.

Chemical Specialties Manufacturers Association, New Yorker hotel, New York, December 3-5

Drug, Chemical and Allied Trades Section, New York Board of Trade, annual meeting, Shawnee Inn, Shawnee-on-Delaware, Pa., September 21-23.

Federal Wholesale Druggists Association, Greenbrier hotel, White Sulphur Springs, W. Va., October 23-25.

Federation of Paint and Varnish Production Clubs, Congress hotel, Chicago, November 9-11.

National Association of Retail Druggists, Long Beach, Calif., October 15-21.

National Butane-Propane Association, Hollenden hotel, Cleveland, September 18-19.

National Foreign Trade Council, annual convention, Waldorf-Astoria hotel, New York, October 31-November 1.

National Lubricating Grease Institute, Edgewater Beach hotel, Chicago, October 30-November 1.

National Metal Trades Association, annual meeting, Commodore hotel, New York, September 27-29.

National Paint, Varnish and Lacquer Association, Fairmont hotel, San Francisco, November 15-18

National Safety Congress, Chicago, October 18-20.

National Wholesale Druggists Association, Waldorf-Astoria hotel, New York, September 18-20.

Packaging Institute, annual forum, Commodore hotel, New York, October 23-25.

Pharmaceutical Council of Greater New York, drug show and exhibit, Statler hotel, New York, September 25-27.

Plant Maintenance Show, Auditorium, Cleveland, Ohio, January 15-18, 1951.

Salesmen's Association of the American Chemical Industry, sales clinic, Roosevelt hotel, New York, November 2-3.

Society of Cosmetic Chemists, fall meeting, Biltmore hotel, New York, December 5.

Society of Plastics Engineers, national technical conference, Statler hotel, New York, January 18-20, 1951.

Society of the Plastics Industry, annual meeting, New Ocean House, Swampscott, Mass., October 18-20

Society of Rheology, New Yorker hotel, New York, November 3-4.

Synthetic Organic Chemical Manufacturers Association, Commodore hotel, New York, September 15; annual meeting, Commodore hotel, New York, December 13.

Toilet Goods Association, scientific section, Waldorf-Astoria hotel, New York, December 6.

APMA Sets Sectional Meeting Dates for 1951

The eastern section of the American Pharmaceutical Manufacturers' Association will meet at the Roosevelt hotel, New York, on January 29 to 31, 1951, while the central section will meet at the Edgewater Beach hotel, Chicago, February 12 to 14, 1951. The dates of the western section meetings in Los Angeles have not been definitely set as yet, but they probably will be held the week following the Chicago meeting.

Nelson Quits Tanners Council

J. Louis Nelson, associated with the Tanners Council of America for thirty-three years, resigned as secretary September 15. Mr. Nelson, who had been secretary since 1927, will live in Phoenix, Ariz.

Pennsalt Celebrates 100 Years Sept. 25

The Pennsylvania Salt Manufacturing Company, Philadelphia, will celebrate its 100th anniversary on Monday, September 25. Beginning on that date, and throughout the rest of the week, various events commemorating this milestone will be held at the company's Whitemarsh research laboratories at Chestnut Hill, Pa.

The company was organized by five young Philadelphia Quakers for the manufacture of alkalies. In 1885, it started

George B. Beitzel

production of household lye, and the following year was its first profitable one.

In 1864, Pennsalt made an agreement with the Danes to import cryolite from Greenland to add to its supply of raw materials for soda alkalies and immediately gave the company a new product, alum, and added a flux to the products already being supplied to Pittsburgh's iron and steel industry.

In 1898, the company built an electrolytic plant for the production of caustic soda and chlorine at Wyandotte, Mich. Great strides in the utilization of chlorine were made in the years before World War I. After the war, use of chlorine for bleaching, especially of pulp, gained importance and Pennsalt developed one of the first methods of direct chlorination of pulp in 1924.

To serve the pulp and paper and other industries growing up in the northwest, Pennsalt purchased a plant site in Tacoma, Wash., in 1927 and set up the Tacoma Electrochemical Company, now the Pennsylvania Salt Manufacturing Company of Washington.

Beale Became President

Research and diversification policies of the company were accentuated when Leonard T. Beale, formerly vice-president of John T. Lewis & Bros. Company, became Pennsalt's president in 1928. In 1929, it entered the dairy sanitation field and three years later the laundry field. During the 1930's it developed "Orthosil" and added to its line ammonia, corrosion-resistant cements, anhydrous ferric chloride and chlorates. Today it sells more than 300 products, ranging in package size from four-ounce bottles of bactericide to seventy-five-ton tankcars of acids.

The present operating management is the youngest since the company's founding. The average age of Pennsalt's top ten executives is forty-three. It is headed

Continued on page 42

Clinton Foods Names Smith To Southwestern Sales Post

Clinton Foods, Inc., New York, has appointed Lloyd H. Smith general sales manager of the new southwestern division of its corn processing division. He has been associated with Clinton for thirty-nine years as a broker and more recently as vice-president of Bliss Syrup & Preserving Company, a Clinton subsidiary. Mr. Smith will make his headquarters in Kansas City, Mo.

Surface Chemicals Opens New Pa. Plant Facilities

Surface Chemicals, Inc., has put into operation new research and development laboratories and a complete manufacturing plant at McKees Rocks, Pa., for the development and manufacture of organic protective coatings. The company specializes in protective coatings for collapsible tubes and tin-plate containers for package creams, pastes, solvents, liquids and other materials.

Cortisone and ACTH Research Spurred by FSA Appropriations

Presidential approval of the omnibus appropriations bill for 1951 makes available $3,600,000 for research with cortisone and ACTH, Federal Security Administrator Oscar R. Ewing announced September 14. The entire sum is allocated for research grants to non-federal institutions and scientists.

The research, Mr. Ewing said, will be directed toward evaluating preliminary results already achieved with these compounds and toward further investigation of their possible dangers and benefits.

In commenting on the new research program, Dr. Leonard A Scheele, Surgeon General of the Public Health Service, explained that grants will be made largely for study of the compounds in relation to arthritis and cancer, mental and neurological, metabolic and cardiovascular diseases, as well as for basic laboratory studies on the general biological effects of the compounds.

Research projects on those diseases, with which there is greatest chance for developing practical treatment procedures, or from which important fundamental information may be obtained, will be selected for special emphasis. Rheumatic fever, for example, he said, may respond to a short course of treatment; therefore, in the public interest special attention will be paid to this area of investigation in hopes of getting an early "yes" or "no" answer.

In other diseases, he added, such as rheumatoid arthritis, where preliminary data points to the necessity for prolonged administration, research will be pressed on careful investigation of long-term effects as a basis for safe treatment. Research also should stress the effects of ACTH and cortisone on such allergic diseases as severe asthma, and on diseases of obscure causatio where hypersensitivity may play an important role.

Grants for research with cortisone and ACTH will follow the lines of other Public Health Service grant programs, and will be awarded only to qualified investigators in laboratory and clinical fields whose proposals are well conceived and well developed. In the clinical field, preference will be given to those studies which may result in fundamental information on the biological effects of cortisone and ACTH and their mode of action. The deadline for receipt of applications is November 1, 1950.

DuPont Wins Special Devices Association Award

The 1950 award of the Special Devices Association will be presented to E. I. du Pont de Nemours & Co., it was announced September 14 by Adm. Luis de Florez (USNR), honorary chairman, and C. Preston Andrade, jr., president of the association.

The award will be accepted by Charles A. Cary, du Pont vice-president and member of the board of directors, at the association's annual dinner, September 16, at the navy special devices center, Sands Point, Port Washington, Long Island, N. Y.

The Special Devices Association each year honors an industrial concern for distinguished work in the field of personnel training. The association was organized immediately after World War II by members of the navy's special devices division, of the office of naval research, which is responsible for developing equipment and techniques for the training of naval personnel. The association's principal peacetime objective is to foster new developments in industrial education and training techniques.

Heyden Appoints Peters Market Development Head

Dr. Franklin T. Peters has been appointed manager of the newly established market development department of Heyden Chemical Corporation, New York. He comes from the sales department of Glyco Products Company, Brooklyn, N. Y. Dr. Arthur L. Davis, transferred from the technical sales department, will be in charge of new products applications. Also assigned to the market development department are George H. Wiech, transferred from the research department, and Ely Balgley, formerly with Resistoflex Corporation.

Gane's Chemical Works Forms Own Sales Offices

Gane's Chemical Works, Inc., manufacturer of fine pharmaceutical chemicals since 1929, announces the opening of new executive and sales offices at 677 Fifth avenue, New York 22. The company has established its own sales division under the direction of Phillips B. Marsden, who was formerly connected with Thos. Leeming & Co. and more recently manager of Commercial Solvents Corporation pharmaceutical division. Research and manufacturing divisions remain at Carlstadt, N. J.

ASTM Unit to Discuss Atomic Defense Oct. 6

The New York district unit of the American Society for Testing Materials will hold a meeting on atomic defense at the Engineering Society building, New York, October 6 at 7:30 p. m. Principal speaker will be Edward J. Kehoe, chief of the fire and accident bureau of the New York operations office of the Atomic Energy Commission. His subject will be "Atom Bomb Effects."

Feirer Resigns as Executive Vice-Pres. of Sharp & Dohme

Dr. William A. Feirer has resigned as executive vice-president and director of Sharp & Dohme, Inc., Philadelphia, it was reported September 11. Dr. Feirer joined the company in 1930. He later became director of biological production, and in 1937 was named medical director. In 1940 he was appointed director of the medical research division and was elected executive vice-president seven years later.

Pitman-Moore Names Ball Executive Vice-President

Pitman-Moore Company, Indianapolis, has appointed Hibbard O. Ball as executive vice-president. Mr. Ball has been associated with the company for more than twenty years and since his discharge from the army in 1947 he has been secretary.

CSC Award Established For Antibiotics Research

Commercial Solvents Corporation, New York, and the Society of American Bacteriologists announce the establishment of an annual award for outstanding research in the field of antibiotics.

The award, $1,000 and a gold medal, will be given to an individual or a group of individuals working in the Western Hemisphere who contribute to the better understanding of antibiotics. In selecting the winner of the award, particular attention will be given to the basic nature of the research upon which the award is made and its contribution to fundamental knowledge about antibiotics.

The Commercial Solvents Award will be administered by the Society of American Bacteriologists, and the recipient will be selected by a committee appointed by the president of the society. It is expected that the first award will be presented at the annual meeting of the society in Chicago in May, 1951.

Industrial Waste Disposal Symposium November 2

"Industrial Waste Disposal—A Problem For Instrumentation" will be the subject of a meeting to be held by the Philadelphia section of the Instrument Society of America in the Bellevue-Stratford hotel, Philadelphia, November 2.

Speakers will include Louis Gess, chief processing application engineer for Minneapolis-Honeywell Regulator Company; William Hart, Atlantic Refining Company; Bruce Dickerson, Hercules Powder Company; Arthur Gorman, Atomic Energy Commission; Francis S. Friel, Albright & Friel, and L. Drew Betz, and W. H. and L. D. Betz.

The symposium will be an all-day meeting followed by a dinner, an evening speaker and motion pictures on waste disposal.

TGA Scientific Section Sets Meeting for Dec. 6

The scientific section of the Toilet Goods Association will meet at the Waldorf-Astoria hotel, New York, December 6. A symposium on olfaction has been arranged and one session will be devoted to that subject. Those intending to submit a paper at the meeting are asked to notify Dr. H. D. Goulden not later than September 25.

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PALM FATTY ACIDS
A fractionated vegetable fatty acid. Saponifies to completion rapidly. No need for salting out, reducing processing and operating costs. Used in high titre and metallic soaps, textile finishing and buffing compounds, and lubricating greases.

WOBURN dependable PRODUCTS

Current Market Quotations

Chemicals and Related Materials

September 15, 1950

Unless otherwise indicated, listings are first-hand quotations on large lots, f.o.b. New York. Changes and trends are noted in the market reports, with other informative comment. The locations of these reports are given in the table of contents on page 4. The figures in the two columns do not represent bid and asked prices nor a range over the week. They are the quotations prevailing on the date above, on the basis of differences in one or more of these factors:—Quantity, quality, locality, individual supplier's views.

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A

Acacia (see Gum, arabic).

Acenaphthene, below 92.5 C., m.p., dms., works lb. .40 - —
above 92.5 C. m.p. dms., works, lb. .50 - —

Acetaldehyde, 99%, dms. c.l., frt. equald lb. .12 - —
l.c.l., frt. equald lb. .12¾-
tanks, frt. equald lb. .10 - —

Acetaldol (see Aldol)

Acetamide, tech, fib., dms lb. .45 - —

Acetanilide tech. bbls., c.l., divd lb. .24½-
l.c.l., ton lots lb. .25½-
smaller lots lb. .28½-
USP bbls., 2,000-lb. lots lb. .50 -
smaller lots lb. .56 - —

Acetic anhydride dms., c.l., frt. alld. E lb. .14 - —
l.c.l., frt. alld. E lb. .15½-
tanks, frt. alld E lb. .12½-

Acetoacetanilide, bbls., divd lb. .69½-
fib. dms., c.l., divd lb. .68½-
l.c.l., divd lb. .69½-

Acetoacetorthoanisidide, fib. dms., works, 500 lbs. or more lb. 1.50 - —
smaller lots same basis lb. 1.75 - —

Acetoacetorthochloranilide, bbls., divd lb. 1.15 - —
fib. dms., c.l., divd lb. 1.14 - —
l.c.l., divd lb. 1.15 - —

Acetoacetorthotoluidide, bbls., divd lb. .74½- —
fib. dms., c.l., divd lb. .73½- —
l.c.l., divd lb. .74½- —

Acetoactparaphenetidide, dms., 500 lbs. or more, works lb. 1.65 - —
smaller lots same basis lb 1.90 - —

Acetone, CP, dms., c.l., divd lb. .09¼- .10¼
l.c.l., divd lb. .10 - .11
tanks, divd lb. .07½- .08½
Methyl (see M).

Acetonitrile, dms., c.l., works lb. .43 - —
l.c.l., works lb. .45 - —

Acetophenetidin, USP, bbls., works, frt. equald lb. 1.10 - 1.33

Acetophenone, cns., dms lb. 1.30 - 1.85
tech., l.c.l., dms., works lb. .75 - —

Acetyltributyl citrate, dms. lb. .43 - .45
smaller pkgs lb. .48 - .54

Acetyltriethyl citrate, dms. lb. .36 - .38
smaller pkgs. lb. .41 - .47

Acid, abietic, com'l, dms., c.l., works lb. .10 - —
l.c.l., works lb. .1145- —
cryst., dms., c.l., works lb. .05½- —
l.c.l., works lb. .06 - .06½

Acetic, com'l or redist., 28%, bbls. 100 lbs. 4.00 - —
56%, bbls. 100 lbs. 6.60 - —
70%, bbls. 100 lbs. 7.60 - —
80%, bbls. 100 lbs. 8.25 - —
glacial, synthetic, CP, dms., works 100 lbs. 13.50 - —
cbys., works 100 lbs. 18.50 -22.50
USP, cbys., works 100 lbs. 14.00 -18.00
tech., dms., c.l., works 100 lbs. 9.50 - —
l.c.l., works 100 lbs. 10.00 - —
tanks, works 100 lbs. 8.00 - —

Acetic annydride (see Acetic anhydride above).

Acetylsalicylic, USP, special, bbls., makers primary distrib., point of ship't, 1,000-lb. lots lb. .57 - —
standard, fine, cryst., gran., (30-40 mesh) powd. (80 mesh), bbls. same basis. lb. .52 - —

Freight equald, ship't identical quantity over standard routes, from N. Y., Phila., Midland, Mich., Chicago and St. Louis.

Aconitic, 5,000 lbs. 1 shipt., dms. lb. .49 - —
smaller lots, dms lb. .49½- .54½

Adipic, fib. dms., works lb. .26½- —

Aminoacetic, NF, bbls., frt. adjusted lb. 1.50 1.75

Anthranilic, resub., bbls lb. 2.10 - —
tech., bbls., frt. equald lb. 1.21 - —

Arsenous, tech (see Arsenic, white), USP (see Arsenic trioxide).

Ascorbic, USP dms., 500-kilo lots kilo. 24.50 - —
25-50 kilo lots kilo. 25.00 - —
10-kilo lots kilo. 25.35 - —
5-kilo lots kilo. 25.70 - —
lots, kilo lots kilo. 26.41 - —
500-gram lots kilo. 27.47 - —

Battery, cbys. c.l., E. works 100 lbs. 2.00 - —
l.c.l., E., works 100 lbs. 2.30 - —

Benzoic, tech., bbls. dms., 100 lbs. or more lb. .43 - —
USP, bbls., dms., 100 lbs up lb. .54 - —

Betahydroxynaphthoic bbls., works lb. 1.29 - 1.39

Boric, tech., 99½%, cryst., bgs. c.l., works ton. 115.25 - —
ton lots, ex whse, N. Y. or Chi ton. 160.00 - —
less ton lots, same basis. ton. 165.00 - —
bbls., c.l., works ton. 135.25 - —
ton lots, ex whse., N. Y. or Chi ton. 180.00 - —
less ton lots, same basis. ton. 185.00 - —
bulk, c.l., works ton. 111.75 - —
gran., bgs., c.l., works ton. 90.25 - —
ton lots, ex whse., N. Y. or Chi ton. 135.00 - —
less ton lots, same basis. ton. 140.00 - —
bbls, c.l., works ton. 110.25 - —
ton lots, ex whse., N. Y. or Chi ton. 155.00 - —
less ton lots, same basis. ton 160.00 - —

Acid, boric, tech., 99½%, gran., bulk, c.l., works ton. 56.75 - —
powd., bgs., c.l., works ton. 95.25 - —
ton lots, ex whse., N. Y. or Chi ton. 140.00 - —
less ton lots same basis ton. 145.00 - —
bbls., c.l. works ton. 115.25 - —
ton lots, ex whse., N. Y. or Chi ton. 160.00 - —
less ton lots same basis. ton. 165.00 - —
bulk c.l., works ton. 91.75 - —
USP $25 per ton higher.

Broenner's, bbls lb. 1.34 - —

Butyric, 99%, dms. c.l. works lb. .36½- —
l.c.l., works lb. .37 - —
tankcars, works lb. .35 - —

Cacodylic, bots. lb. 10.00 -11.00

Camphoric, natural, dms. lb. 5.00 - 5.65
synth., dms lb. 4.00 - 4.75

Capric, 70%, dms lb. .27¾- .28½

Caprylic, 65%, dms lb. .49¼- .50

Castor oil, split, dms lb. .26¼- .26¾

Chicago, bbls., frt. alld lb. 2.92 - —

Chlorosulphonic, dms., c.l., works lb. .036 - —
l.c.l., works lb. .041 - —
tanks, works lb. .031 - —

Chromic, 99½-99¾%, dms., c.l. works lb. .25½- —
l.c.l., works lb. .26 - .27
USP (see Chromium trioxide).

Cinnamic, refd. bots lb. 2.50 - 4.00

Citric, anhyd. gran., fine gran., dms., c.l. lb. .26½- —
10,000 lbs. 1 ship't. lb. .27 - —
smaller lots lb. .27½- —
kgs. lb. .28½- —
Anhydrous citric acid powder, ½c. per lb. higher.

USP, cryst., dms., c.l. lb. .27½- —
10,000 lbs., 1 ship't. lb. .28 - —
smaller lots lb. .28½- —
kgs lb. .29½- —
gran., fine gran., dms., c.l. lb. .24½- —
10,000 lbs., 1 ship't. lb. .25 - —
smaller lots lb. .25½- —
kgs. lb. .26½- —
USP citric acid powder ½c. per lb higher.

Cleve's, mixed, bls lb. .72 - —

Coconut oil, dist., dms lb. .28 - .29¼

double dist., dms lb. .30 - .31¼

Cottonseed oil, dist., dms lb. .16 - .17¼
double dist., dms lb. .16½- .17¾

Cresylic, dom., coaltar, 50% above 207°C, non-ret. dms., c.l., frt. equaled gal. 1.06 - 1.11
l.c.l., non-ret. dms., same basis lb. 1.09 - 1.14
ret. dms., c.l., same basis gal. .93 - —
l.c.l., same basis gal. .96 - —

Acid, cresylic, dom., coaltar, 50% above 207°C, tanks, same basis gal. .95 - 1.00
204° to 207° C. non-ret. dms., c.l., same basis gal. 1.06 - 1.11
l.c.l., same basis gal. 1.09 - 1.14
ret. dms. c.l. same basis, gal. .96 - —
l.c.l., same basis gal. 1.01 - —
tanks, same basis gal. .95 - 1.00
petroleum, 179°C to 198°C, non-ret. dms., c.l., San Francisco and Los Angeles gal. .67½- —
l.c.l., same basis gal. .69½- 71½
tanks, same basis gal. .57 - —
195° to 213°C. non-ret. dms., c.l., San Francisco and Los Angeles gal. .55½- —
l.c.l., same basis gal. .57½- .59½
tanks, same basis gal. .45 - —
200°C to 222°C, tanks, Wilmington, Cal gal. .40½- —
211°C to 236°C. non-ret. dms., c.l., San Francisco and Los Angeles gal. .53½- —
l.c.l., same basis gal. .55½- .57½
tanks, same basis gal. .43 - —
220°C to 242°C, tanks, Wilmington, Cal gal. .38½- .41½
237°C to 265°C, non-ret. dms., c.l., San Francisco and Los Angeles gal. .51½- —
l.c.l., same basis gal. .53½- .55½
tanks, same basis gal. .41 - —
245°C to 298°C, tanks, Wilmington, Cal gal. .36½- —
295°C to 325°C, tanks, Wilmington, Cal gal. .26½- —
imported, coaltar 75% at 215°C or over, dms., c.l.f. gal. 1.05 - 1.10

Crotonic, fib dms. works lb .29 —

Cyanoacetic, tech. bbls lb .90 1.25

Desoxycholic lb. 17.00 -22.00

Dichlorophenoxyacetic (see "D" 2, 4-D)

Diethylbarbituric (see Barbital)

Diglycolic, bgs. works lb. .14 - —

Ethylthexoic, dms., c.l., works lb. .33 - —
l.c.l., works lb. .33½- —
tanks, works lb. .31½- —

F, crude, paste, bbls., works lb. 1.52 - —

Folic, bots. fib cans, kilo or more gram. 2.00 —

Formic, 85% cbys. c.l. works lb. .13 - .13½
l.c.l., works lb. .13½- .14
90%, cbys., c.l., works lb. .13½- .14
l.c.l., works lb. .14 .14½

Fumaric, tech., bbls., dms lb. .30 .31

Gallic, NF VII, bbls., 1,000-lb. lots lb. 1.60 —
smaller lots lb. 1.63 1.65
technical, bbls., 1,000-lb. lots lb. 1.43 —
smaller lots lb 1.46 - 1.48

Gamma dry ground bbls., frt. alld lb. 1.37 - —
paste, bbls., frt. alld lb. 1.32 - —

Acid, gluconic, tech., 50%, bots lb. .23 .31
dms. lb. .14 —
kgs. lb. .16 —

Glutamic, laevo, 99%, fiber dms., 100 lb lots, works lb. 2.30 2.40
25 lb. lots lb. 2.45 —

Glycerophosphoric, 35%, dms. works lb. 2.25 - 2.35

Glycolic (see Acid, hydroxyacetic).

H, 100% basis, bbls., works lb. .73½- —

Hydriodic, 45-47%, cbys lb. 2.57 2.59
57%, cbys lb. 2.86 —

Hydrobromic, medicinal, 48%, cbys., divd. E lb. .38 —
tech., 48%, cbys., divd E lb. .34 .36

Hydrochloric (see Acid, muriatic).

Hydrocyanic, cyls., works lb. 1.00 —
dilute, NF, 2%, 5-lb bots. lb. .37 —

Hydrofluoric, anhyd., cyls., works, lb. .19 .19¼
tanks, works lb. .16½- —
30%, wood or rubber, dms., works lb. .08½- .09
70%, steel dms., works lb. .143 .148

Hydrofluosilicic, 30-35%, bbls lb. .08 .09

Hydroxyacetic, tech., 70%, bbls., non-return., Phila lb. .084 —
tanks, Belle, W. Va., 100% basis lb. .065 —

Hypophosphorus, purif., 50%, cbys. lb 1.30 1.32

USP, cbys lb. .78 —

J, bbls., works, 100% basis lb 2.50 2.85

Koch, bbls., frt. alld lb. .64 - —

L, bbls., frt. alld lb. 1.25 - —

Lactic, edible, 50%, bbls., 20 or more lb. .18½- —
smaller lots lb. .19 - —
80%, bbls. 20 bbls. or more, lb. .285 .332
plastic grade, 50% bbls., 20 or more lb. .19¾- —
10 or less lb. .20¾- —
80%, bbls., 5 or less lb. .3405- .3545
tech., 22½%, bbls., l.l., works 100 lbs. 5.80 —
l.c.l., works 100 lbs. 6.20 —
cbys., works 100 lbs. 6.70 —
44%, bbls., c.l., works 100 lbs. 10.95 - —
l.c.l., bbls., works 100 lbs. 11.35 —
cbys., works 100 lbs. 11.85 —

NF, 85%, cbys lb. .69 .72

Laurent's, bbls lb. .60 - .67

Lauric, dist., 83-90%, dms lb. .30 - .30¾

Linseed oil, reg. dist., dms lb. .2170- .2220
water-white, dms lb. .2470- .2520

Maleic, powd., dms lb. .30 .31
Anhydride (see M).

Malic, dms lb. .45 —

Mandelic, NF, dms., 1,000-lb. lots lb. 1.85 —
smaller lots lb. 1.90 2.10

Metanilic dms., works lb. .57 - —

Methacrylic, dms., c.l., and truckloads, works lb. .76 - —
less than truckload, works lb. .76½- .80

Molybdic, dms., 85%-92%, works lb. .88 —

Monochloroacetic, purified, flake, 99%, dms lb. .22½- .24¼
tech., flake, 96-97%, bbls lb. .18 - .21

Muriate, 18°, cbys., c.l., works, 100 lbs. 1.90 - 2.30
l.c.l., works 100 lbs. 2.20 - 3.40
tanks, works ton. 22.00 -23.00
20°, cbys., c.l., works 100 lbs. 2.15 - 2.35
l.c.l., works 100 lbs. 2.45 - 2.65
tanks, works ton. 25.00 - —
22°, cbys., c.l., works 100 lbs. 2.65 - 2.80
l.c.l., works 100 lbs. 3.05 - 3.90
tanks, works ton. 28.00 -30.00

CP, USP, consumers, cbys., extra, c.l., frt. equald lb. .07¾ —
l.c.l., same basis lb. .09¼ .09¾
8 pint bottles extra, cs., c.l., frt. equald lb. .12¾ —
l.c.l. same basis lb. .14¼ .15¼

Acid, muriatic, CP, USP, prices to dealers 1½c. per lb. less.

Myristic, dist., dms lb. .30½- —

Naphthenic, 220-230 acidity, dms., works lb. .13 - —
tanks, works lb. .11 - —
230-240 acidity, dms., works lb. .22 - —
tanks, works lb. .19 - —

Naphthol(1)-4-sulphonic (see Acid, Neville and Winther's)

Naphthol (1)-5-sulphonic (see Acid L)

Naphthol(1)-5-sulphonic,8-amino (see Acid, S).

Naphthol(1)-3,6-disulphonic,8-amino (see Acid, H).

Naphthol(2)-6,8-disulphonic (see Acid, Gamma)

(2)-7-Sulphonic,2-amino (see Acid, J).

Naphtholsulphonic, mixed (see Acid, Cleve's, mixed)

Naphthylamine(1)-3-sulphonic (see Acid, Laurent's).

(2)-6-sulphonic (see Acid, Broenner's)

(2)-7-sulphonic (see Acid, F).

(2)-1-sulphonic (see Acid, Tobias).

Neville and Winther's, dms., frt. alld lb. .97 - —

Nicotinic, USP, dms., frt adjusted kilo. 8.00 8.30

Nicotinic amide (see Nicotinamide).

Nitric, 36° cbys., c.l., E. works 100 lbs. 5.00 —
l.c.l., E. works 100 lbs. 5.40 6.10
38°, cbys. c.l., E. works 100 lbs. 5.50 —
l.c.l., E. works 100 lbs. 5.90 6.60
40°, cbys., c.l., E. works 100 lbs. 6.00 6.50
l.c.l., E. works 100 lbs. 6.40 7.10
42°, cbys., c.l., E. works 100 lbs. 6.50 7.00
l.c.l., E. works 100 lbs. 6.90 7.60
CP, NF, consumers, cbys., extra, c.l., frt. equald lb. .11½- —
l.c.l., same basis lb. .13 .13½
8 pint bottles extra, cs., c.l., frt. equald lb. .15½ —
l.c.l. same basis lb .17 .18

Acid, nitric, CP, NF, prices to dealers 1½c. per lb. less.

Abbreviations

Used in OPD Market Quotations

ACS	American Chemical Society	dist.	distilled	neut.	neutral
		dextro.	dextrorotatory	NF	National Formulary
alld.	allowed	distr.	distributor		
ammo.	ammonia	djns.	demijohns	nom.	nominal
amorph.	amorphous	dlvd.	delivered	No.	number
anhyd.	anhydrous	dms.	drums	ord.	ordinary
a.p.a.	available phosphoric acid	dom.	domestic	oz.	ounce
		E.	east	Pac.	Pacific
artif.	artificial	e.p.	end point	pf.	proof
ASTM.	American Society for Testing Materials	equald.	equalized	phos.	phosphate
		F.	fahrenheit	photo.	photographic
		ferment.	fermentation	pkgs.	packages
Be.	Baume	ffa.	free fatty acid	powd.	powdered
bgs.	bags	ffc.	free from chlorine	precip.	precipitated
bbls.	barrels			prod.	producer
bls.	bales	fib.	fiber	pt.	point
bots.	bottles	f.o.b.	free on board	pulv.	pulverized
b.p.	boiling point	F.P.A.	free of prussic acid	purif.	purified
b.p.l.	bone phosphate of lime			redist.	redistilled
		frt.	freight	refd.	refined
b.r.	boiling range	fus.	fused	refy.	refinery
bxs.	boxes	gal.	gallon	reg.	regular
C.	centigrade	gran.	granular	resub.	resublimed
cbys.	carboys	grd.	ground	ret.	returnable
CD	completely denatured	i.&a.	iron and aluminum	SD.	specially denatured
c.i.f.	cost, insurance, freight	i.b.p.	initial boiling point	s.d.	single distilled
				S. E.	southeast
cks.	casks	imp.	imported	secs.	seconds
c.l.	car lots	incl.	included	s.g.	specific gravity
cns.	cans	indust.	industrial	ship't	shipment
col.	color	kgs.	kegs	solut.	solution
com'l	commercial	lacq.	lacquer	s.u.	standard unit
conc.	concentrated	lb.	pound	synth.	synthetic
CP	chemically pure	l.c.l.	less than car lots	tech.	technical
cps.	centipoises	liq.	liquid	USP.	U. S. Pharmacopoeia
cryst.	crystal	m.a.p.	mixed anilin point	vis.	viscosity
cs.	cases	min.	minimum	VM&P.	varnish makers & painters
ctns.	cartons	m.p.	melting point	W.	west
cyls.	cylinders	N.	nitrogen	w.w.	water white
dbl.	double	nat.	natural	whse.	warehouse
denat.	denatured				
dest.-dist.	destructive-distilled				

A unit-ton is 2,000 pounds of 1 percent of the basic constituent or other standard of the material. The percentage figure of the basic constituent multiplied by the price figure shown, gives the price of 2,000 pounds of the material.

V 151 N 12 SEP 18 50 XUM

Acid, Octoic—Alcohol, Phenylethyl

Acid, octoic (see Acid, ethylhexoic).
Oleic (see Oil red).
Oleum (see Acid, sulphuric, fuming).
Orthocresotinic, dms., ton lots, works lb. .62 - —
smaller lots, works lb. .64 - —
Oxalic, bbls., c.l., works lb. .14¼- —
10,000 lbs., works lb. .14½- —
smaller lots, works lb. .15¼- .15½
Palm oil, white, dist., dms lb. .21¼- .21¾
Para-aminobenzoic, purified, dms., 100 lbs. or more, works lb. 3.75 - —
smaller lots, works lb. 3.85 - 4.00
technical, dms lb. 1.74 - —
Para-aminosalicylic, dms., 1,000-lb. lots or more lb. 5.50 - —
smaller lots lb. 5.55 - 6.50
Paramethylphenylcinchonic (see Neocinchophen).
Paranitrobenzoic, dms lb. .77 - —
Paratoluidinmetasulphonic, bbls., works lb. .92 - 1.04
Peanut oil, s.d., dms lb. .12¾- .13¾
Perchloric, 60%, cbys., works lb. .58 - .62
70-72%, cbys., works lb. .61 - .66
Phenylacetic, bots lb. 1.45 - 1.75
Phenylcinchoninic (see Cinchophen).
Phenylglycollic (see Acid, mandelic).
Phosphoric, food grade, 75%, cbys., c.l., works, frt. equald. 100 lbs. 6.50 - —
l.c.l., works, frt. alld 100 lbs. 7.00 - 7.50
tanks, works, frt. equald 100 lbs. 4.75 - —
NF, 85%, cbys., c.l lb. .10½- —
For shipments in cbys., add handling charges.
Picramic, ogs. lb. .85 - .70
Picric, NF, 300-lb. bbls. lb. .50 - —
smaller lots, dms lb. .81 - .87
tech., bbls. lb. .32 - .33
Propionic, natural, dms., works, lb. .18 - —
tanks, works lb. .17 - —
synth., pure, dms., works lb. .21 - —
tanks, works lb. .19 - —
Pyrogallic, tech., bbls. lb. No prices.
NF, cryst., dms lb. 2.95 - 3.18
resub., dms lb. 3.30 - 3.45
Pyroligneous, dms. incl., l.c.l., works, South gal. .31 - —
Ricinoleic (see Acid, castor oil, split).
S, bbls., works lb. 2.97 - 3.00
Salicylic, crude, bbls lb. .28 - —
sublimed, tech., bbls., c.l lb. .33 - —
l.c.l. lb. .40 - —
dyestuffs grade, bbls lb. .34 - —
USP, cryst., bbls lb. .42 - —
powder, bbls. lb. .47 - —
Sebacic, purified, dms., c.l., works, lb. .62 - —
l.c.l., works lb. .64 - .68
Soybean oil, single, dist., dms lb. .17½- .18¾
double dist., dms lb. .18 - .19¼
Stearic, double pressed, bgs lb. .19½- .20¾
single-pressed, bgs lb. .18½- .19¾
triple-pressed, bgs lb. .21¼- .23
Succinic, purified, crys., bbls., works lb. .75 - —
tech., bbls., works lb. .65 - .75
Sulphanilic, tech., dms., c.x., frt. alld lb. .17 - —
l.c.l., frt. alld lb. .19 - —
Sulphuric, 60° Be, cbys., c.l., works 100 lbs. 1.65 - —
l.c.l., works 100 lbs. 1.95 - 2.50
tanks, works ton.14.40 -14.50
Sulphuric, 66° Be, cbys., c.l., works 100 lbs. 1.90 - —
66° Be, cbys., c.l., works 100 lbs. 1.90 - —
l.c.l., works 100 lbs. 2.30 - 2.75
tanks, works ton.17.75 -18.00
98%, tanks, works ton.18.80 -19.00
CP, NF, consumers, cbys., extra, c.l., works, frt. equald. lb. .07¾- —
l.c.l., same basis lb. .09¼- .09¾
5 pt. bottles extra, cs., c.l., works, frt. equald. lb. .11¼- —
l.c.l., same basis lb. .12¾- .13¾
fuming, 20%, tanks, works ton.19.85 -20.00
acid sulphuric, CP, NF prices to dealers 1½c. per lb. less.
Tallow, dist., dms lb. .15½- .16¾
Tannic, tech., 60-62%, dms lb. .68 - .69
70-72%, dms. lb. .80 - .85
75-76%, dms lb. .88 - .90
fluffy, bbls., 1,000-lb. lots lb. 1.45 - —
smaller lots lb. 1.46 - 1.55
powder, bbls., 1,000-lb. lots lb. 1.35 - —
smaller lots lb. 1.36 - 1.50
Tartaric, USP, dom., 230, 250-lb. dms., 10,000 lbs., 1 ship't. lb. .36 - —
smaller lots lb. .36½- —
100-lb. dms lb. .37½- —
small dms lb. .39½- .41½
imported, kgs. lb. .34 - .36
Thioglycolic, refined, bbls., cbys., basis 100% lb lb. 1.60 - 1.80
tech., bbls. cbys. basis 100% lb lb. 1.40 - —
Tobias, bbls., frt. alld lb. .69 - —
Trichloroacetic, bots lb. 2.00 - 2.50
Toluenesulphonic, dms., c.l., works lb. .18½- —
l.c.l., works lb. .20 - —
tanks, works lb. .17 - —
Tungstic, tech., kgs., works lb. 2.20 - 2.40
Undecylenic, dms lb. 1.00 - 1.25
Aconite, leaves, bls lb. .55 - .60
Root, bls lb. .48 - .52
Aconitine, amorph., mild, bots oz.27.50 -32.50
cryst., potent, bots oz.78.00 -85.00
Acrolein, dms., works lb. .50 - —
Acrylonitrile, dms., c.l., works lb. .40½- —
l.c.l., works lb. .41 - .60
tanks, works lb. .39 - —
Adeps lanae (see Lanolin).
Adonis vernalis herb, bls lb. .30 - .40
Agar, USP, Kobe, No. 1 strip, bls lb. 1.28 - 1.30
powdered, 30 mesh, fib. dms lb. 1.65 - —
Agaric, white, bls lb. 1.60 - 1.75
Agrimony herb, bls lb. .30 - .35
Alanine, dextro-laevo, dms., works, lb. 8.50 -11.00
Albumen (eggs), edible, flake, bbls. lb. 1.35 - 1.37
powd., bbls lb. 1.39 - 1.41
tech., cryst., bbls lb. .75 - .80
Albumin, blood, dark (see Blood, dried, soluble).
light, dms., l.c.l. lb. .65 - .70
Egg (see Albumen).
Alcohol, allyl, dms., c.l., dlvd lb. .31¾- —
l.c.l., dlvd lb. .32½- —
tanks, dlvd. lb. .30 - —
Amyl, ex pentane dms., c.l., frt. alld. E. Miss. lb. .16¾- —
l.c.l., frt. alld E. of Miss lb. .17¾- —
tanks, frt. alld. E. of Miss lb. .15 - —
(see also Fusel oil, ref.)
fermentation, refined, 126-132°C, dms., c.l., dlvd lb. .33¾- —
l.c.l., dlvd lb. .34¾- —
tanks, dlvd lb. .32 - —
128-132°C. dms., l.c.l., dlvd lb. .36 - —
ACS grade, dms., l.c.l., dlvd lb. .42 - —
Benzyl, NF, dms lb. .60 - .88
tech. dms., works, frt. equald. lb. .45 - .50
Butyl, fermentation, normal dms., c.l., frt. alld lb. .17¾- .28¾
l.c.l., frt. alld lb. .18¾- .29¾
tanks, frt. alld lb. .16 - .27
synthetic, normal, dms., c.l., frt. alld lb. .16¼- —
l.c.l., frt. alld lb. .17¼- —
tanks, frt. alld lb. .14½- —
secondary, dms., c.l., frt. alld. lb. .10¾- .11¾
l.c.l., dlvd., frt. alld lb. .11½- .12½
tanks, dlvd., frt. alld lb. .09 - .10
tertiary, dms., c.l., frt. alld. lb. .13¾- —
l.c.l., frt. alld lb. .14½- —
tanks, frt. alld lb. .12 - —
Capryl, dms., c.l., works lb. .26½- —
l.c.l., works lb. .27½- —
tanks, works lb. .25 - —
Cetyl, dom., CP., fiber ctns., 1,000 lbs. lb. 1.50 - —
smaller lots lb. 1.55 - —
Cinnamic, bots. lb. 2.75 - 3.20
Denatured, CD12, CD13, CD14, dms., dlvd. E. of Miss. R. gal. .60 - .87
l.c.l., dlvd. E. of Miss. R. gal. .64 - .96
tanks, dlvd. E. of Miss. R. gal. .48 - .75
Tankcar sales require written authorization by Alcohol Tax Unit.
Proprietary, solvent, dms., c.l., dlvd. E. of Miss R. gal. .60 - .87½
l.c.l., same basis gal. .64 - .96⅛
tanks, same basis gal. .48 - .75½
Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., dms., c.l., dlvd. E. of Miss. R gal. .58½- .87
l.c.l., same basis gal. .62½- .96
tanks, same basis gal. .46½- .75
SD2B, dms., c.l., E. of Miss. R. gal. .58 - .88
l.c.l., same basis gal. .62 - .97
tanks, same basis gal. .46 - .76
SD3A, dms., c.l., E. of Miss. R. gal. .57 - .86
l.c.l., same basis gal. .61 - .95
tanks, same basis gal. .45 - .74
SD23A, dms., c.l., E. of Miss. R. gal. .59 - .87
l.c.l., same basis gal. .63 - .96
tanks, same basis gal. .47 - .75
SD23H, dms., c.l., E. of Miss. R. gal. .60 - .87½
l.c.l., same basis gal. .64 - .96½
tanks, same basis gal. .48 - .75½
SD27A, dms., c.l., E. of Miss. R. gal. .94 - —
l.c.l., same basis gal. .98 - 1.03
tanks, same basis gal. .82 - —
SD30, dms., c.l., E. of Miss. R. gal. .56½- .84
l.c.l., same basis gal. .60½- .93
tanks, same basis gal. .44½- .72
SD35A, dms., c.l., E. of Miss. R. gal. .61½- .91½
l.c.l., same basis gal. .65½- 1.00½
tanks, same basis gal. .47½- .79½
SD40, dms., c.l., E. of Miss. R. gal. .58 - .88½
l.c.l., same basis gal. .62 - .97½
tanks, same basis gal. .46 - .76½
Diacetone, acetone free, dms., c.l., dlvd. lb. .13¾- —
l.c.l., dlvd. lb. .14½- —
tanks, dlvd. lb. .12 - —
tech., dms., c.l., dlvd lb. .13¼- —
l.c.l., dlvd. lb. .14 - —
tanks, dlvd. lb. .11½- —
Ethyl, 190 pf., USP, tax paid, dms., c.l., dlvd. E. Miss. R. gal.17.67 -17.97
l.c.l., same basis gal.17.71 -18.06
tanks, same basis gal.17.55 -17.85
tax free, dms., c.l., dlvd. E. Miss. R. gal. .57 - .87
l.c.l., same basis gal. .61 - .96
tanks, same basis gal. .45 - .75
absolute, 200 pf., tax paid, dms., c.l., same basis gal.18.57 -18.87
l.c.l., same basis gal.18.61 -18.96
tanks, same basis gal.18.45 -18.75
Ethylbutyl, dms. c.l., works lb. .29½- —
l.c.l., works lb. .30 - —
tanks, works lb. .28 - —
Ethylhexyl, dms., c.l., dlvd lb. .29¼- —
l.c.l., dlvd lb. .30¼- —
tanks, dlvd lb. .27¾- —
Furfuryl, tech., cns., works lb. .30 - —
dms., c.l., works lb. .21½- —
l.c.l., works lb. .23 - —
tanks, works lb. .18 - —
Isoamyl (see Alcohol, amyl fermentation, refined).
Isobutyl, dms., c.l., dlvd lb. .14¾- —
l.c.l., works lb. .15¾- —
tanks, dlvd lb. .13 - —
Iso-octyl, dms., c.l., works lb. .29¼- —
l.c.l., works lb. .29¾- —
tanks, works lb. .26¼- —
Isopropyl, refd., 91%, dms., incl., c.l., dlvd. gal. .44 - .49
l.c.l., dlvd gal. .49 - .54
tanks, dlvd gal. .32 - .37
95%, dms., incl., c.l., dlvd gal. .45½- .50½
l.c.l., dlvd gal. .50½- .55½
tanks, dlvd gal. .33½- .38½
99%, dms., incl., c.l., dlvd gal. .47 - .52
l.c.l., dlvd gal. .52 - .57
tanks, dlvd gal. .35 - .40
Methyl (see Metnanol).
Methylamyl (see Carbinol, methyl-isobutyl).
Nonyl (see Trimethylhexanol).
Octyl, perfumer's grade, bots lb. 1.70 - 3.25
technical (see Octanol normal).
Pantothenyl (see Panthenol).
Phenylethyl, cns lb. 1.30 - 1.60

From SHELL CHEMICAL

INTERMEDIATES

The difference between the raw material you have and the end-product you want may be a SHELL INTERMEDIATE

TRY

EPI	Epichlorohydrin	$CH_2(O)CH-CH_2Cl$
GDCH	Glycerol Dichlorohydrin	$CH_2(OH)-CH(Cl)-CH_2Cl$ (70%) / $CH_2(Cl)-CH(OH)-CH_2Cl$ (30%)
MAC	Methallyl Chloride	$CH_2=C(CH_3)-CH_2Cl$
AA	Allyl Alcohol	$CH_2=CH-CH_2OH$
AC	Allyl Chloride	$CH_2=CH-CH_2Cl$
TCP	Trichloropropane	$CHCl_2-CH_2Cl$

High-Quality Synthetic Intermediates For High-Yield Organic Syntheses

Technical information and samples are available upon receipt of your letterhead request.

SHELL CHEMICAL CORPORATION
CHEMICAL PARTNER OF INDUSTRY AND AGRICULTURE
Eastern Division: 500 Fifth Avenue, New York 18 • Western Division: 100 Bush Street, San Francisco 6
Los Angeles • Houston • St. Louis • Chicago • Cleveland • Boston • Detroit • Newark

Alcohol, polyvinyl, type A, fiber-pack, Niagara Falls lb. .65 - 70
type B, fiber-pack, same basis lb. .60 .68
Propyl, normal, dms, c.l., dlvd. lb. .10¾- —
l.c.l., dlvd lb. .11¾- —
tanks, dlvd lb. .09 - —
Salicyl (see Saligenin).
Tetrahydrofurfuryl cns, Waverly, N. Y lb. .47 —
dms., Niagara Falls, N. Y lb. .40½ —
l.c.l., Waverly, N. Y. lb. .42½ —
tanks, Niagara Falls, N. Y lb. .38 —
industrial grade, dms, c.l., Niagara Falls, N. Y lb. .29 - —
l.c.l., Waverly, N. Y lb. .30½ - —
tanks, Niagara Falls, N. Y. lb. .26½ - —
Aldol, 95% dms, works lb. .15 .16
denaturing grade dms gal 1.33 1.48
Aldrin, 60% solut. dms., c.l. works, frt. alld lb. 1.06 - —
l.c.l., works, frt. alld lb. 1.20 - —
Aletris root bgs lb 1.50 1.60
Algin, bbls., fib dms lb. .76 1.20
Alizarin (see Red Alizarin)
Alkanet root bgs lb. .35 .40
Allethrin, 100% dms., 1 to 10 dm. lots lb.45.00 —
smaller lots, works lb.50.00 -55.00
solution, 20%, dms., 100 lb. lots, works lb 9.00 - —
10%, dms., works gal.37.75 - —
2%, dms., works gal 7.75 - —
Allspice, Jamaica (see Pimento)
Mexican, bgs lb. .21½ Nom.
Allyl bromide cnys, 5,000 lbs., works lb. .9½ —
smaller lots works lb 1.05 1.10
Allyl chloride, dms., c.l., dlvd lb. .16¾- —
l.c.l., dlvd lb. .17½- —
tanks, dlvd lb. .15 - —
Starch, solid, dms., works lb. .58 —
solution, 40%, dms., works lb. .279 - .297
50%, dms., works lb. .446 —
Aloe, Cape, cs lb. .22 .23
Curacao, bgs lb. .35 .36
Socotrine bgs lb. .35 .36
Aloin, USP bbls, dms, kgs lb. 3.50 —
Alphanaphthol, bbls., frt, alld lb. .77 - —
Alphanaphthylamine, bbls., frt. alld. lb. .45 - —
Alphanaphthylthiourea, 93-98%, fib. dms., works, frt. alld lb. 2.00 2.40
Alphanitronaphthalene, bbls., frt. alld lb. .37 - —
Alphapicoline ret dms, c.l. works, frt. equald lb. .29½- —
l.c.l., works, frt equald lb. .30 —
Alphapinene tanks South works gal. No prices.
Alphaterpineol dms, l.c.l., dlvd fr. lb. .17 —
Alphatocopherol, bots kilo.350.00 - —
Acetate, bots kilo.350.00 - —
Althea root NF peeled bls lb .30 .40
Alum, ammonium, gran., bbls., works 100 lbs. 3.30 - —
lump, bbls, works 100 lbs. 4.05 —
powd., bbls, works 100 lbs. 4.20 —
USP, burnt, bbls lb. .20 .21
hydrous, bbls lb. 07¾- .08
Potassium, gran., bbls., works 100 lbs. 4.05 —
lump, bbls., works 100 lbs. 4.30 —
powd., bbls. works 100 lbs. 4.45 —
USP, burnt, bbls lb. .20 .21
hydrous bbls lb. .07¾ .08
Potash-chrome, dms. lb. .17 - —
Soda, bbls., c.l., works 100 lbs. 3.25 —
l.c.l., dlvd 100 lbs. 4.25 5.00
Alumina, calcined bgs, c.l., works lb. .03½ .05
crystalline (see Aluminum oxide).
Aluminum acetate, basic solution, 24%, bbls., l.c.l., works lb. .11 - —
20%, bbls., l.c.l., works lb. .10 - —
Chloride, anhyd, com'l, dms., c.l., works lb. .13 - —
l.c.l., works lb. .13½- —
cryst, com'l, dms., c.l. works lb. .0690 —
l.c.l., works lb. .0690 —
NF, gran., dms, works lb. .27 .28
solution, 32°, chys., c.l., works lb. .03¼- —
l.c.l., works lb. .04 - —
Fluoride, tech, anhyd., bbls., c.l., works lb. .10 —
l.c.l., works lb. .11 - .13
Formate, basic solution, chys., c.l lb. .09½- —
l.c.l., works lb. .10 —
Hydrate, heavy, bgs., c.l., frt. equald ton.50.00 -54.00
l.c.l., works ton.72.00 -86.00
light, bgs., dlvd lb. .17 —
Hydroxide, gel, pharmaceutical, 14-15% Al_2O_3, fib. dms., works lb. .21¼- —
contract, works lb. .20¼- —
8-9½% Al_2O_3, fib. dms., works lb. .18¼- —
contract, works lb. .17¼- —
dried, USP XII, fib. dms., works. lb. .79½- —
contract, works lb. .76½- —
powder, tech. (see Aluminum hydrate).
Laurate, precip., bbls lb. .38½- —
Linoleate, solid, dms., frt alld lb. .39½
Metal, 99%+, ingots, 10,000 lbs. lb. .17½- .18½
pigs, 10,000 lbs. lb. .16½- .17½
Naphthenate, liquid, 1.7%, frt. alld. lb. .24½- .25
Oleate, dms precip lb. .35¼- —
Oxide, amorphous (see Alumina, calcined),
crystalline, flour, classified, 8-240 mesh, dms., frt. alld lb. .14 - .15
kgs., ton, frt. alld lb. .12½ —
smaller lots, frt. alld. lb. .13 - .15
280-400 mesh, dms., frt. alld lb. .32 - .33
kgs., frt. alld lb. .31 - —
500 mesh, dms., frt. alld lb. .35 - .37
kgs., frt. alld lb. .34 - —
600 mesh, dms., frt. alld. lb. .51 - .53
kgs. frt. alld lb. .50 - —
Aluminum oxide flour prices W of Denver ¾c. per lb. higher.
optical, floated, kgs., dlvd lb. .36 - .86
unclassified, dms., frt. alld. lb. .16 - .17
kgs., frt. alld lb. .15 - —
Paste, lining, extra fine, dms. lb. .98 - —
standard, dms lb. .89¼- —
Powder, lining, extra fine, dms. lb. .96 - —
standard, dms lb. .64½- —
rubber comp., dms lb. .48½- —
unpolished, standard, dms lb. .44½- —
varnish standard, dms lb. .49 - —

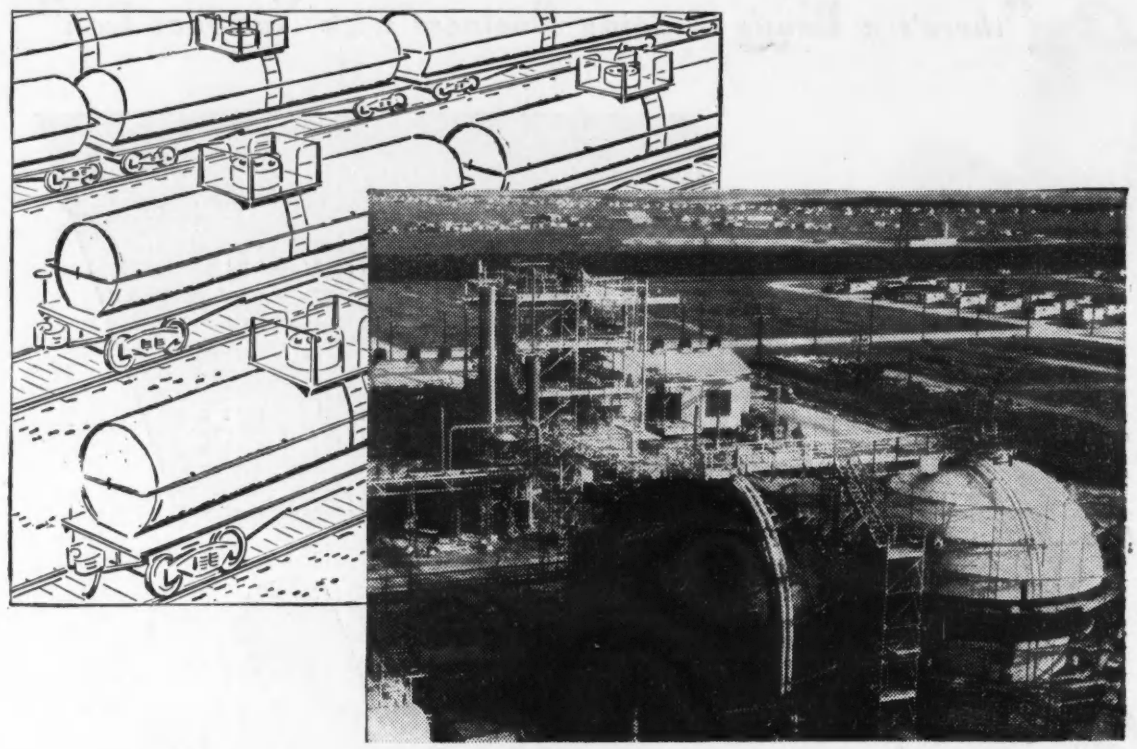
Aluminum powder and paste prices are f.o.b. shipping point. Add 1c. per lb. for 100-lb. drm., 1½c per lb. for 50-lb. drm., 3c. per lb. for 10-lb. can, and 5c. to 12c. per lb. for smaller containers. Deduct 1c. per lb. for single shipment of 400 to 1,499 lbs., 2c. for 1,500 to 4,999 lbs., 3c. for 5,000 to 29,999 lbs., and 4c. for 30,000 lbs. or more. Where destination is within the continental U. S., a deduction equivalent to the lowest available common carrier transportation rate will be made from seller's invoice on orders of 200 lbs. or over.

Aluminum resinate, precip., dms., frt. alld lb. .25¼- —
Stearate, dibasic, etns., c.l. lb. .35 - —
l.c.l. lb. .36 - —
monobasic, etns., c.l. lb. .33 - —
l.c.l. lb. .36 - —
tribasic, etns., c.l. lb. .35 - —
l.c.l. lb. .36 - —
Sulphate, com'l, bulk, c.l., works, 100 lbs. 1.65 - —
iron-free bgs, c.l. works, frt. equald 100 lbs. 2.75 - —
l.c.l. works 100 lbs 3.15 —
NF gran dms. works lb 27 .29
powd. dms. works lb .32 .33
Trihydrate heavy (see Aluminum hydrate)
Ambergris gray bots oz. 8.00 -10.00
Aminoazotoluene bbls lb. 1.03 - —
Aminomethylpropanol cns., dms., works lb. .60 - —
Aminoethylethanolamine dms, c.l., works lb. .42 - —
l.c.l. works lb. .42½- —
tank works lb .40 —
Aminophylline USP 100-lb dms lb. 5.35 —
Aminopyrine USP bots dms lb 6.00 6.15
Ammonia anhydrous fertilizer tanks, works ton 74.00 -75.00
pure, cyls, extra, zone 1 lb .17 - 17½
2 lb .19 - 19½
3 lb .21 - 21½
4 lb .16 - 19½
refrigeration tanks, works ton 76.50 -77.50
Aqua (29.4% NH_3) dms, c.l., works 100 lbs 3.10 —
l.c.l. works 100 lbs 3.50 —
tanks works, anhyd basis ton.80.00 -81.00
Ammoniac gum (see Gum ammoniac
Sal gray bgs c.l works, frt equald 100 lbs. 7.00 - —
l.c.l., same basis 100 lbs. 7.40 - —
white gran bgs, c.l. works 100 lbs 4.60 —
l.c.l. works 100 lbs 6.25 - —

Alcohol, Polyvinyl—Ammonium Thiocyanate

Ammoniacal liquor, tankcars, works, anhyd basis ton.75.00 -80.00
Ammonium acetate, purified, dms lb. .39 .40
reagent, jars lb. .61 .63
Benzoate, USP, dms., kgs., 4,000 lbs. frt alld lb. .80 - —
smaller lots, frt alld lb .81 - 1.08
Biborate, bbls., c.l., works ton.302.00 - —
ton lots, works ton.355.50 - —
less ton lots works ton.360.50 - —
Bicarbonate, dms., c.l., works lb. .05½- —
l.c.l., works lb. .06 - —
Bichromate, bbls., works lb. .31 - .36
Bifluoride dms dlvd lb 18 .18½
Bromide, gran., NF, bbls lb. .38 - .39
dms. lb. .39 - .42
Powdered ammonium bromide 10c per lb higher.
Carbonate, USP, lump, powd., dms lb. .20 - .21
Chloride (see Ammoniac sal)
USP gran bbls, dms lb 18 .19
Citrate, dibasic bbls lb 75 —
dms. lb 80 .85
Fluoride (see Bifluoride).
Hydroxide (see Ammonia aqua)
Hypophosphite NF dms lb 2.40 —
Iodide, NF, jars lb. 3.81 3.91
Linoleate, plastic, 60% dms., works lb 40½- —
kgs., works lb. 42½- —
25% dms, frt alld lb .21½- —
tech bbls, works lb .37 - —
dms, works lb .39 - —
Molybdate, chemical grade, bbls., kgs lb. .85 - —
metal grade, kgs lb .90 - —
tech grade, bbls, kgs lb .80 - —

Ammonium nitrate, fertilizer grade, Canadian, 32.5% N, bgs., c.l., shipping point ton.63.00 - —
dom. ogs. western works ton.58.00 —
Nitrate-dolomite, 30.5% N, bgs. Hopewell, Va ton 46.00 —
Oleate, dms, precip lb 23¼- —
Oxalate, fine gran, dms lb. .25 .31
Pentaborate, gran, bbls., c.l., works ton.212.00 —
ton lots, works ton.265.50 —
less ton lots works ton.270.50 —
Ammonium pentaborate powder, $10 per ton higher
Perchlorate, kgs, works lb .50 .75
Persulphate kgs lb 25½ 28¼
Phosphate, com'l, bgs., c.l., works. lb. .06 - .08¼
l.c.l., works lb 08½- —
dibasic, NF V bbls, dms lb 40 —
tech., bgs., c.l., works lb. 08 —
l.c.l., works lb 08½ —
Salicylate, NF, dms., kgs lb. 1.34 - 1.35
Silicofluoride dms, works lb 12 .13
Sulphamate bbls, dms works lb. 18 .20
Sulphate, coke-oven, bulk, producing ovens ton.32.00 -37.00
converters' bulk, works ton.37.50 -38.00
Sulphide, liquid, 40-45% basis, 100% dms, c.l. works. lb. 10½- —
l.c.l. works lb. 15½ —
tanks, dlvd or frt alld lb .09 —
Sulphocyanide, tech (see Ammonium thiocyanate)
Thiocyanate tech., bbls., c.l., works lb. .15 - .18
l.c.l., works lb. .16 - .20



DOW'S

new Texas anhydrous ammonia plant starts shipping on . . .

The Dow Chemical Company's new Freeport, Texas ammonia plant will soon be producing large quantities of anhydrous ammonia for industrial and agricultural users. The new plant will produce refrigeration grade and technical (commercial) grade anhydrous ammonia. Shipments in tank car quantities will begin October 1, 1950.

Industrially, ammonia plays an important role in the manufacture of chemicals, plastics, synthetic fibers, oil, steel, and explosives. Anhydrous ammonia is used as a refrigeration medium, as well as in the production of nitric acid, soda ash, ammonium chloride and other ammonium salts.

It is the major source of nitrogen for the production of solid fertilizers vital to increased agricultural production. The use of ammonia for direct application is one of the fastest growing developments of the fertilizer industry.

This newest addition is another step in Dow's program of producing basic chemicals to serve more people . . . better. Your inquiries concerning this company as a source of supply for this important chemical will receive prompt attention.

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Dow Chemical of Canada, Limited, Toronto, Canada

DOW
CHEMICALS
INDISPENSABLE TO INDUSTRY AND AGRICULTURE

Ammonium Thioglycollate—Bismuth Subsalicylate

Ammonium thioglycollate, commercial, 100% basis, cbys lb. 1.40 - 1.60
highly purified, same basis lb. 1.70 - 1.90
Thiosulphate, cryst., jars works lb. .32 - —
Amphetamine citrate dextro, bots. lb.36.00 - —
dextro-laevo, dms lb 6.50 - —
Hydrochloride, dextro, dibasic, bots lb.36.00 - —
monobasic, bots lb.34.00 - —
dextro-laevo, dms lb 6.50 - —
Phosphate dextro dibasic, bots. lb.36.00 - —
dextro-laevo, dibasic, dms... lb 6.50 - —
monobasic, dms lb 6.00 - —
Sulphate, dextro, dms. lb.36.00 - —
dextro-laevo, dms lb 6.50 - —
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd lb. .24¾- —
l.c.l., dlvd lb. .25¾- —
tanks, dlvd lb. .23 - —
ex pentane dms., c.l., frt. a'd. E. of Miss. R lb. .16 - —
l.c.l., same basis lb. .17 - —
tanks, same basis lb. .15 - —
Alcohol (see Alcohol, amyl).
Butyrate, dms lb .90 - 1.00
Cinnamic, aldehyde, dms lb. 1.60 - 2.05
Nitrite USP bots lb 1.75 - 1.83
Salicylate, cns., dms lb. .80 - .85
Anethol, NF, cns., dms lb. .95 - 1.25
Angelica root, dom., bis lb. .65 - .70
imported, bis lb. .45 - .50
Angostura bark, bis lb. .48 - .50
Aniline oil, dms., c.l., works, frt. alld lb. .17 - .17½
l.c.l., works, frt. alld lb. .18 - .18½
tanks, works, frt. alld lb. .16 - —
Salt, dms., frt. alld lb. .28 - —

Anise, Argentine, bgs lb. No stocks.
Chinese, star, bgs lb. .26 - .26½
Cyprus, bgs lb. .20 - .20½
Czech, bgs lb. .15 - .15¼
Mexican, bgs lb. .15½- .16
Syrian, bgs lb. .15 Nom.
Turkish, bgs lb. .15 - .15¼
Anisic aldehyde, bots., dms lb. 2.00 - 2.45
Annatto powder, dms lb. .24 - .25
Seed, bgs lb. .16 - .19
Anthracene, 80-85%, bbls., works lb. 1.10 - —
90%, bbls., works lb. 1.25 - —
Anthraquinone, 99.5%, bbls., frt. alld lb. .80 - .83
Antimony butter (see Antimony trichloride)
Metal, bulk, c.l., mines lb. .32 - —
cases, c.l., mines lb. .32½- —
Oxide, bgs., c.l., frt. alld lb. .25 - .27½
l.c.l., frt. alld lb. .26 - .28½
Trichloride, pails, works lb. .31¼- .32
solution, cbys lb. .33¼- .34
Sulphide, 62-64%, bgs., frt. alld., dlvd lb. .20 - .23
Antimony-potassium tartrate (see Tartar emetic).
Antipyrene, USP, dms lb. 2.35 - 2.45
Apomorphine, USP, bots. oz.23.20 -23.70
Archil extract, bbls lb. No stocks.
Areca nuts, powd., bbls lb. .15 - .16
Arecoline hydrobromide, NF, bots. oz. 5.00 - 5.75
Arginine hydrochloride, laevo, dms. kilo.70.00 -80.00
Argols, min. 50%, bgs., shipment ports, per 100 kilos (100% purity) 17.00 - —
Arnica, flowers, bls lb. .45 - .50
root, bls. lb. 1.45 - —
Arrowroot, powd., bgs lb. .14 - .16

Arsenic, metal, lump, bbls., prompt shipt lb. .80 - .90
Sulphide, yellow, bbls lb. No stocks.
Trioxide, USP, dms lb. .40 - .42
White, powd., bbls., c.l., dlvd lb. .05½- —
l.c.l., dlvd lb. .06¼- .06¾
Asafetida, cs lb. .32 - .35
powd., bbls., dms lb. .50 - .53
Asbestine (see Talc, fibrous, N. Y.).
Asbestos, Canadian, crude, No. 1, c.l. (20 tons), mines ton.940.00 -960.00
No. 2, c.l. (20 tons), mines ton.485.00 -492.00
Run-of-mine, c.l. (20 tons), mines ton.400.00 - —
fiber, 3K, c.l. (20 tons) mines ton.313.00 - —
3R, c.l. (20 tons), mines ton.267.00 - —
3T, c.l. (20 tons), mines ton.249.50 - —
3Z, c.l. (20 tons), mines ton.231.00 - —
4K, c.l. (20 tons), mines ton.124.00 - —
4M, c.l. (20 tons), mines ton.124.00 - —
4T, c.l. (20 tons), mines ton.111.50 -141.00
4Z, c.l. (20 tons), mines ton.111.50 - —
5D, c.l. (20 tons), mines ton.88.00 - —
5K, c.l. (20 tons), mines ton.88.00 - —
5M, c.l. (20 tons), mines ton.84.00 - —
5R, c.l. (20 tons), mines ton.78.50 -79.00
6D, c.l. (30 tons), mines ton.58.00 -59.00
7D, c.l. 30 tons), mines ton.52.00 -52.50
7F, c.l. (30 tons), mines ton.49.00 -49.50
7H, c.l. (30 tons), mines ton.41.50 -42.00
7K, c.l. (30 tons), mines ton.35.00 -35.50
7M, c.l. (30 tons), mines ton.30.50 -31.00
7R, c.l. (30 tons), mines ton.29.50 -30.00
7T, c.l. (30 tons), mines ton.28.00 -28.50
7RF, c.l. (30 tons), mines ton.30.50 -31.00
7TF, c.l. (30 tons), mines ton.30.50 -31.00
8S, c.l. (30 tons), mines ton.19.00 -27.00
Prices quoted above are in U. S. funds. Add $4 per ton for l.c.l. lots.
Asphaltum, cut-back, tanks, tank wagon, refinery gal. .09 - —
Emulsion, tanks, tank wagon, refinery gal. .09½- .10

Asphaltum, gilsonite, brilliant black, selects, 270°-295° F, fusing point, c.l., bgs., f.o.b. Colo. mines ton.37.00 - —
seconds, 300°-390° F, fusing point not uniform, c.l., bgs., Colo. mines ton.34.00 - —
jet, c.l., bgs., Colo. mines ton.34.00 - —
Manjak, No. 10, crude, dms., works lb. .06½- —
Steam-rfd., less than 80 penetration, tanks tankwagon refinery ton.22.00 - —
80-300 penetration tanks, tankwagon, refinery ton.21.00 - —
Atropine, USP, bots oz. 9.75 -10.00
Sulphate, USP, bots oz. 5.75 - 6.35

B

Bacitracin, wholesalers, unlabeled, topical, 2,000 units vial. .42 - —
10,000 units vial. .80 - —
50,000 units vial. 2.88 - —
Balm of Gilead buds, dried, bgs lb. 1.35 - 1.45
Barbasco root (see Cube root).
Barberry, root bark, bgs lb. .40 - .45
tree bark, bgs lb. .40 - .45
Barbital, USP, dms lb 4.50 - —
Sodium, USP, dms lb. 4.77 - —
Barium carbonate precip., bgs., 10 tons and up, works ton.80.00 -85.00
smaller lots, works ton.90.00 -95.00
Chlorate, kgs., works lb. .25½- .31
Chloride, NF, cryst., dms lb. .17 - .18
tech., crystals bgs., c.l., works. ton.100.00 - —
l.c.l., works ton.110.00 - —
Chromate, bgs. frt equald lb. .31½- .32
Dioxide, dms., works lb. .12 - —
Hydrate, crystals, bgs. lb. .09 - .09½
Hydroxide, anhyd., bbls.,works lb. .19 - —
Iodide, bots. lb. 5.12 - —
Monoxide (see Oxide)
Nitrate, bbls., c.l., works lb. .11½- —
l.c.l., works lb. .13 - —
Oxide, grd., dms., c.l., works lb. .11 - —
l.c.l., works lb. .11½- —
Peroxide (see Dioxide).
Stearate, ctns., c.l. lb. .39 - —
smaller lots lb. .40 - .41
Sulphate, tech. (see Barytes and Blanc fixe)
X-ray, bbls. lb. .13 - .13½
Sulphide, dms., c.l., works ton.55.00 - —
l.c.l., works ton.70.00 - —
Barium-potassium chromate, dms., c.l., frt. alld lb. .20 - —
l.c.l., works lb. .21 - —
tech., bgs., c.l., works, frt. equald ton.90.00 - —
l.c.l., works ton.100.00 - —
Baryte ore, approx. 94% $BaSO_4$, bulk, mines ton. 9.40 -12.50
Barytes, water-grd., paper bgs., c.l. St. Louis ton.37.60 -37.85
l.c.l., same basis ton.38.60 - —
ex whse., N. Y. ton.53.45 -61.75
Southern off-color, bgs., mines ton 19.00 - —
95.75%, bgs., mines ton.20.00 - —
Bay leaves (see Laurel leaves)
Belladonna leaf, bls lb. .50 - .55
Root, bls. lb. .40 - .41
Bauxite, bulk, mines ton. 8.50 -10.00
Bentonite, 200 mesh, bgs., works ton.12.00 - —
Benzaldehyde, NF, dms lb. .68 - —
tech., cbys., dms lb. .45 - —
Benzal chloride, cbys., works lb. .19 .25
Benzene (see Benzol).
Hexachloride, 99% gamma isomer (see Lindane).
tech., bgs., dms., c.l., works, gamma unit lb. .01¾ —
l.c.l., works, unit lb. .02 - .02½
gamma, 50% dust, dry, distributors, dms., c.l., dlvd., gamma unit lb. .02 - —
l.c.l., dlvd., gamma unit lb. .02½- —
wet, distributors, dms., c.l., dlvd., gamma unit lb. .02½- —
l.c.l., dlvd., gamma unit lb. .03 - —
Benzidine base, bbls lb. 1.02 - —
Hydrochloride, bbls., frt. alld lb. .85 - —
Benzocaine, dms lb. 3.25 - 3.35
Benzol (benzene), pure, nitration, tanks, works, Lackawanna, N. Y., Sparrows Point, Md. gal. .27 - —
Bethlehem, Pa gal. .26 - —
Birmingham Dist. (Chicago Dist.; Cleveland Dist.; Geneva, Utah; Johnstown, Pa.; Lorain, Ohio; Minequa, Colo.; Philadelphia, Pa.; St. Louis, Mo.; Syracuse, N. Y.; Terre Haute, Ind.; Woodward, Ala.; Wyandotte, Mich.; Youngstown, Ohio) gal. .27½- .30
Lone Star, Texas gal. .30 - —
Pittsburgh district gal. .29 - —
Benzophenone, dms lb. .25 - .30
Benzotrichloride, cbys., frt. equald. lb. 1.30 - 1.60
Benzoyl chloride, cbys., dms., c.l., works, frt. eq lb. .18 - .20
l.c.l., same basis lb. .20½- .21
Peroxide, pure, fib. ctns., works. lb. .21½- .22
Benzyl acetate, f.f.c., cns., dms lb. .90 - 1.05
Alcohol (see Alcohol, benzyl).
Benzoate, USP, f.f.c., cns., dms lb. .60 - .70
Chloride, tech., cbys., c.l., works, frt. equald lb. .80 - —
l.c.l., same basis lb. .19 - .19¼
high grade, 2c. higher. lb. .20 - .20½
Cinnamate, cns lb. 3.00 - 4.00
Formate, cns lb. 1.60 - 2.10
Propionate, bots lb. 1.35 - 1.65
Salicylate, bots lb. 1.65 - 1.85
Benzylidinacetone, bots lb. 1.80 - 2.45
Benzylisoeugenol, bots lb. 8.90 - 9.50
Berberine, bisulphate, cns lb.35.00 -35.25
Hydrochloride, bots lb.35.00 -36.25
Sulphate, cns lb.35.00 -36.25
Berberis root, bls lb. .35 - .40
Betagammapicoline, dms., c.l., works. lb. .21 - .21¼
l.c.l., works lb. .21½- .22
Betamethylnaphthalene, 32°C. m.p., dms. works lb. .90 - —
Betanaphthol, resublimed, dms., works lb. .77 - —
tech., bbls., c.l., works lb. .30½- —
l.c.l., works lb. .32½- —
Benzoate, fib. dms., works lb. 1.70 - —
Salicylate, dms lb. 5.00 - —
Betanaphthylamine, tech., bbls., works lb. .90 - —
Betaphenylethylamine, dms., works, 1,000-lb. lots lb. 1.25 - —
smaller lots lb. 1.60 - —
Betapicolin, 98%, dms., works lb. .95 - —
Beth root, bls lb .45 - .50
Biotin, cryst gram.10.00 - —
Bismuth chloride, jars lb. 5.11 - —
Hydroxide, dms lb. 4.65 - —
Metal, bxs., ton lots lb. 2.25 - —
Nitrate, cryst., dms lb. 2.17 - —
Oxide, anhydrous, dms lb. 4.47 - 4.85
Oxychloride, dms lb. 4.32 - 4.37
Phenolsulphonate, fib. dms lb. 5.22 - —
Subcarbonate, USP, dms lb. 3.20 - —
Subgallate, NF, fib. dms lb. 3.15 - —
Subiodide, fib. dms lb. 5.37 - —
Subnitrate, NF, dms lb. 2.65 - —
Subsalicylate, USP dms lb. 3.50 - —

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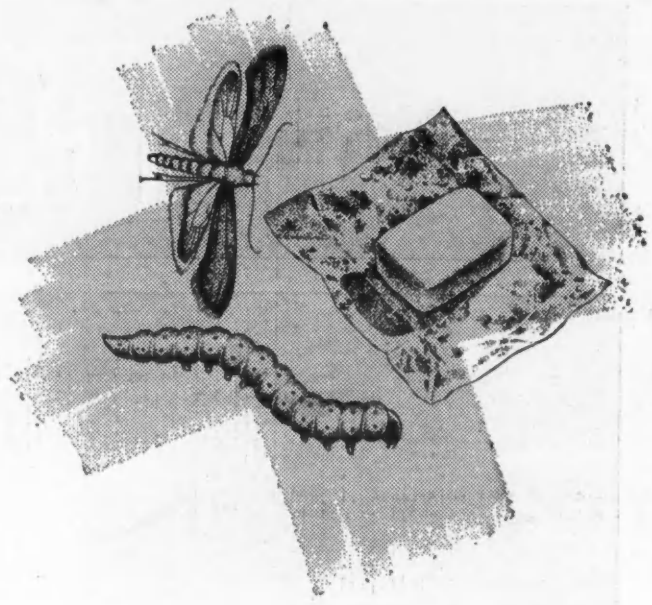
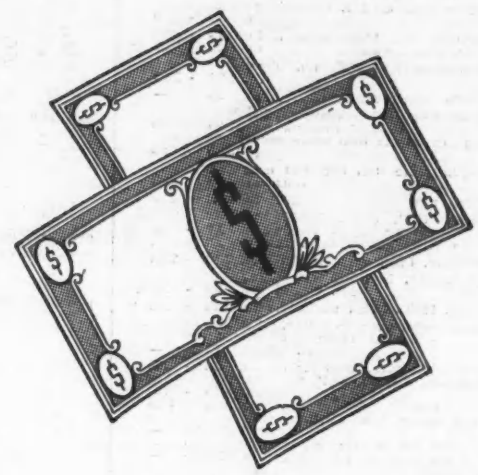
7539

Bismuth-ammonium citrate, USP, powd., dms lb. 3.82 • —
Black, acetylene, bgs., c.l., works lb. .13½- —
cs., l.c.l. shipt. point lb. .17 • .19
Bone, bgs., bbls., l.c.l., dlvd. lb. .14½- .22½
Carload price ½c. per lb. less. Deliveries to the Pacific Coast, ex dock or whse., 1½c. per lb. higher.
Carbon, channel, beads, bulk, c.l., works lb. .0650- —
bgs., c.l., works lb. .0690- —
l.c.l., dlvd. or whse lb. .117 • .1175
uncompressed, regular, bgs., c.l., works lb. .0832- —
bgs. ctns. l.c.l. dlvd or whse lb. 13¾- —
furnace, fast extruding, bgs., c.l., works lb. .05½- —
ctns., l.c.l., whse lb. .09½- —
high modulus, bgs. c.l., works. lb. .05 • —
ctns. l.c.l., whse lb. .09 • —
semi-reinforcing bgs., c.l., works lb. .03½- —
ctns., l.c.l., whse lb. .07½- —
very fine, bgs., c.l., works lb. .0740- —
l.c.l., dlvd., or whse lb. .12 • —
Charcoal (see C).
Graphite (see G).
Iron oxide, synthetic, bgs., c.l., works lb. .11 • —
l.c.l., works lb. .11¼- —
Lamp, bgs., c.l., works lb. .07 .30
Mineral, bgs., works lb. 0160- 0675
Black ash (see Barium sulphide).
Blackberry bark of root, bls lb. .30 • .32
root, bls lb. .10 • .12
Black dyes (see Dyes).
Black haw, root bark, bls lb. .65 • .75
Tree bark bls lb. .28 • .30
Black Indian hemp root, bls lb. .50 • .58
Blane fixe, dry by-product, bgs., c.l., works ton.85.00 • —
l.c.l., works ton.95.00 • —
direct process, bgs., c.l., works ton.85.00 • —
l.c.l., works ton.90.00 • —
N. Y. whse ton.113.00 • —
bbls., c.l., works ton.90.00 • —
l.c.l., works ton.95.00 • —
N. Y. whse ton. 118.00 • —
pulp, 66⅔% bbls., c.l., works, ton.69.00 • —
l.c.l., same basis ton.75.00 • —
Bleaching powder, dms., c.l., works, 100 lbs. 5.00 • —
l.c.l., works 100 lbs. 6.00 • —
Blood, dried, 16-16½% ammo., bgs. unit-ton. 8.50 • —
high-grade, unground, 16-17% ammon., bulk, Chicago unit-ton. 8.50 • —
soluble, bgs., cs lb. .15 • .16
l.c.l. lb. .16 • .18
Bloodroot, bls lb. .50 • .63
Blue, alkali, dry, bbls., dlvd. N. of Tenn and N.C., E of Miss. R, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis lb. 1.90 • —
Toner, bbls., litho flushed, same basis lb. 1.05 • —
Celestial, bbls., same basis lb. .15 • .16
Chinese, bbls., same basis lb. .37 • .42
Cobalt, genuine, bbls., same basis. lb. 4.90 • —
imitation (see Blue, ultramarine).
Copper-phthalocyanine, full strength, bbls., same basis lb. 3.75 • 3.85
80%, bbls., same basis lb. 3.00 • 3.40
Iron (see Blue, Chinese, Milori, Potash, Prussian, and Soda).
Methyl violet toner, bbls., same basis lb. 4.20 • —
Milori, bbls., same basis lb. .37 • .42
Peacock, fugitive, 100% color strength, same basis lb. .60 • .79
Permanent toner, green shade, molybdic, bbls., same basis lb. 3.75 • —
tungstic lb 4.00 • —
Potash, CP, bbls., same basis lb. .51 • —
Prussian, bbls., same basis lb. .37 • .42
soluble, bbls., same basis lb. .37 • .42
Soda, C.P., bronze, bbls., same basis lb. .39 • —
Ultramarine, cobalt type, dry or pulp, bbls., same basis lb. .25 • .26½
jobbing type, dry, bbls., same basis lb. .14 • —
regular types, dry or pulp, bbls., same basis lb. .19 • .29
Victoria toner, molybdic, bbls lb 3.75 • —
Tungstic, bbls lb. 3.75 • —
Violet toner, molybdic, bbls., same basis lb. 1.24 • —
Tungstic, kgs., same basis lb 2.60 • 2.70
Blue dry colors, dlvd. prices ½c. higher Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher, Pac. Coast, Denver, Pueblo, Salt Lake City, Wichita frt. equalized with Chicago.
Blue dyes are listed under Dyes.
Blueflag, root, bls lb. .50 • .55
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Boldo leaves, bls lb. .09 • .12
Bone, raw, bulk, Chicago ton.75.00 • —
junk, bulk, same basis ton.50.00 -52.00
Meal, raw, 4½% ammon., 50% phos., bgs., E. works ton.62.50 • —
Chicago, works ton.62.50 • —
steamed, feeding grade, 1% ammon., 60% phos., E. works ton.60.00 • —
Chicago, works ton.60.00 • —
fertilizer grade, 3% ammon., 50% phos., bgs., E. works. ton.62.50 • —
Chicago, works ton.62.50 • —
Phosphate, defluorinated (see D), precipitated (see Calcium phosphate tribasic precip).
Boneset leaves bls lb. .15 • .16
Borage flowers bls lb. .40 • .45
Borax, tech, anhydrous, bgs., c.l., works ton.70.50 • —
ton lots, ex whse N. Y. or Chi ton.115.25 • —
less ton lots, same basis, ton.120.25 • —
bbls., c.l., works ton.90.50 • —
ton lots, ex whse, N. Y. or Chi ton.135.25 • —
less ton lots, same basis, ton.140.25 • —
bulk, c.l., works ton.64.00 • —
crystals, 99½%, bgs., c.l., works. ton.61.25 • —
ton lots, ex whse, N. Y. or Chi ton.106.00 • —
less ton lots, same basis, ton.111.00 • —
bbls., c.l., works ton.81.25 • —
ton lots, ex whse, N. Y. or Chi ton.126.00 • —
less ton lots, same basis, ton.131.00 • —
bulk, c.l., works ton.57.25 • —
Borax, tech., granular, 99½%, bgs., c.l., works ton.35.25 • —
ton lots, ex whse N. Y. or Chi ton 80.00 • —
less ton lots, same basis, ton.85.00 • —
bbls., c.l., works ton.55.25 • —
ton lots, ex whse N. Y. or Chi ton.100.00 • —
less ton lots, same basis, ton.105.00 • —
bulk, c.l. works ton.31.25 • —
powder, bgs., c.l., works ton.40.25 • —
ton lots, ex whse N. Y. or Chi ton.85.00 • —
less ton lots, same basis, ton.90.00 • —
bbls., c.l., works ton.60.25 • —
ton lots, ex whse N. Y. or Chi ton.105.00 • —
less ton lots, same basis, ton.110.00 • —
bulk, c.l. works ton.36.25 • —
Borax packed in kgs is $40 per ton higher than borax packed in paper bgs. USP borax $15 per ton higher than tech.
Bordeaux mixture, bgs., c.l., works, frt. alld. or nearest whse. point lb. .15 • .21
l.c.l., same basis lb. .16 • .23
Borneol, cns. lb. 2.25 • 2.50
Bornyl thiocyanoacetate (see Isobornyl thiocyanoacetate)
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur)
Bromine, purified, cs., c.l., frt. alld. E. of Rockies lb. .23 • —
1,000 lbs., same basis lb. .25 • —
single pkgs., same basis lb. .30 • —
dms., lead-lined, dlvd lb. .23 • —
Bromoform, pharmaceutical grade, bots lb. 1.62 • 2.60
cbys. lb. 1.52 • —
Bromstyrol, bots lb. 5.35 • 5.75
Bronze powder, aluminum (see A), Gold, litho., cns., dms., works, lb. .50 • .60
moulding, cns., dms., works, lb. .80 • 1.00
printing ink, cns., dms., works lb. .95 • 1.10
radiator, cans dms. works lb. .60 • .65
Broomtop, bls. lb. .30 • .35
Brown, iron oxide, synth., bgs., l.c.l., works lb. .12¼- —
Oxide, metallic, bgs., works lb. .3015- .3040
Sap, crystals, works lb. .12 • —
powdered lb. .13 • —
Sienna, burnt, paper bgs., c.l., works lb. .04¼- .15¼
l.c.l., works lb. .04½- .15½
raw, paper bgs., c.l., works lb. .04½- .13
l.c.l., works lb. .04¾- .13¼
Umber, burnt, American, c.l., bbls., works lb. .05¼- .06½
l.c.l., bgs., works lb. .05½- .07½
Turkey type, bgs., c.l., Boston, Bethlehem, Easton, Pa., Hiwassee, Va., N.Y lb. .06¼- .08¼
l.c.l., works lb. .06½- .08½
raw, American bgs., same basis. lb. .04¼- .06½
Turkey type, bgs., same basis. lb. .06½- .06¾
Vandyke, bbls., works lb. .11 • —
Brucine, cns., 100 ozs oz. .35 • —
Sulphate, NF, cns., 100 ozs. oz. .30 • —
Bryonia root, bls lb. .29 • .35
Buchu leaves, bls lb. .45 • .50
Buckthorn bark, bls lb. .12 • .14
cut and sifted, bls lb. .18 • .20
Barries, bgs lb. .80 • .90
Burdock, root, bls lb. .22 • .26
Butadiene, cyls., refinery lb. .19 • .21
tanks, same basis lb. .10½- .11½
Butane, indust., tanks, group 3 gal. .03½- —
Butternut bark, bls lb. .25 • .30
Butyl acetate, fermentation, normal, dms., c.l., same basis lb. .18¾- .29¾
l.c.l., same basis lb. .19¾- .30¾
tanks, same basis lb. .17 • .28
synthetic, normal, dms., c.l., same basis lb. .16¼- —
l.c.l., same basis lb. .17¼- —
tanks, same basis lb. .14½- —
secondary, dms., c.l., same basis lb. .11¼- —
l.c.l., same basis lb. .12 • —
tanks, same basis lb. .09½- —
Alcohol (see Alcohol butyl)
Aldehyde, dms., c.l., works lb. .19¾- —
l.c.l., works lb. .20¾- —
tanks, works lb. .18 • —
Chloride, dms., c.l., works lb. .41½ —
l.c.l., works lb. .42 • —
Ether (see Ether, butyl).
Lactate, dms., c.l. frt. alld. E. of Rockies lb. .42½- —
l.c.l., same basis lb. .43½- —
tanks, same basis lb. .41 • —
Laurate, dms., works lb. 42 • —
Methacrylate, normal, dms., less than truckload, works lb. .60 • —
Oleate, refd., dms. l.c.l. works lb. 52 • —
Phenylacetate, dms lb. 2.00 • 2.25
Phthalate (see Dibutyl phthalate).
Stearate, dms., c.l. frt. alld. E. of Rockies lb. .32 • —
l.c.l., same basis lb. .33½- —
Butylamine, dms., c.l., frt. alld. lb. .51½- —
l.c.l., same basis lb. .52½- —
tanks, same basis lb. .49¾- —
Butyric ether (see Ethyl butyrate).





PROFIT POTENTIAL for YOUR PRODUCTS

Here are three Monsanto chemicals that offer possibilities as products for your line. In either case, there's profit potential. Why not investigate and see what these products can do for you?

SANTOCHLOR (Monsanto's para-dichlorobenzene), widely used as a deodorant, mothicide and larvacide, has also been proved effective in preventing mildew.

SANTOBANE (Monsanto's DDT) has broad insecticidal properties because it is both a contact poison and a stomach poison.

SANTOBRITE (Monsanto's sodium pentachlorophenate, technical), a water-soluble industrial preservative and fungicide, prevents mold in soap wrappers.

For further information, mail the coupon or contact the nearest Monsanto Sales Office. MONSANTO CHEMICAL COMPANY, Organic Chemicals Division, 1770-H South Second Street, St. Louis 4, Missouri.

DISTRICT SALES OFFICES: Birmingham, Boston, Charlotte, Chicago, Cincinnati, Cleveland, Detroit, Houston, Los Angeles, New York, Philadelphia, Portland, Ore., San Francisco, Seattle. In Canada, Monsanto (Canada) Ltd., Montreal.

Monsanto Insecticidal Chemicals

SANTOBANE* (DDT)
SANTOCHLOR* (para-Dichlorobenzene)
SANTOPHEN* 20 (Pentachlorophenol, Tech.)
TRICHLOROBENZENE, Technical
NIFOS*-T (Tetraethyl Pyrophosphate, Tech. For agricultural use only)
NIRAN* (Parathion. For agricultural use only)

Monsanto Herbicidal Chemicals

2,4-D ACID
2,4-D SODIUM SALT
2,4-D ISOPROPYL ESTER
2,4,5-T ACID
2,4,5-T ISOPROPYL ESTER
SANTOBRITE* (Sodium Pentachlorophenate, Tech.)
SANTOPHEN 20 (Pentachlorophenol, Tech.)
*Reg. U. S. Pat. Off.

MONSANTO
CHEMICALS—PLASTICS

MONSANTO CHEMICAL COMPANY
Organic Chemicals Division
1770-H South Second Street, St. Louis 4, Missouri

Please send information on ....Santochlor, ...Santobane, ...Santobrite for.....

Name.....Title.....
Company.....
Street.....
City.....Zone.....State.....

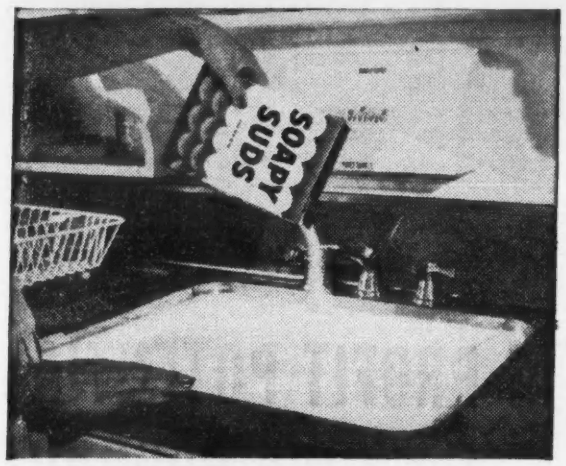
SERVING INDUSTRY . . . WHICH SERVES MANKIND

Cacao Butter—Cellulose Acetate

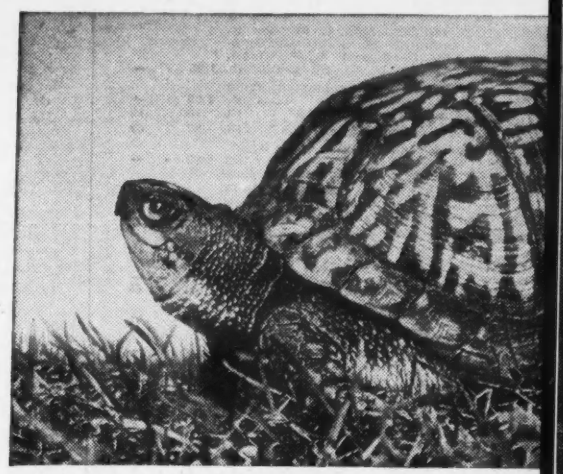
C

Cacao butter (see Cocoa butter).
Cadmium iodide, jars lb. 5.00 - 5.22
Metal, ingots or sticks, cs., dlvd lb. 2.15 - —
Stearate, 50-lb. ctns., l.c.l., f.o.b. N.Y., frt. equald lb. 1.25 - —
Caffeine, natural, USP cryst gms., 100 lbs. or more lb. 4.75 - —
anhydrous, dms 100 lbs or more lb 5.00 - —
Synthetic, USP cryst. dms., 100 lbs or more lb. 3.80 - —
anhydrous, dms 100 lbs or more lb. 4.00 - —
Citrated, USP dms 100 lbs or more lb 2.60 - —
Hydrobromide, bots lb 6.70 Nom.
Calabar beans, bgs futures lb 65 66
Calamine, USP, dms lb. .27 - .29
Calamus root, dom., bgs lb. .28 - .30
imported, bleached bls lb. 70 Nom.
peeled, bls lb. .30 - .31
Calciferol, cryst., vials, 250 grams or more, works gram. 1 90 - —
25 to 249 grams works gram 2.10 - —
1 to 24 grams works gram 2.30 - —
in edible oil dms 10,000 or more standard units (1 standard unit equals 1,000,000 USP units), works unit. .04¾- —
1,000 to 10,000 standard units, works unit. .05¼- —
less than 1,000 standard units, works unit. .05¾- —
Calcium acetate, bgs. dlvd 100 lbs. 3.00 - 4.00
Arsenate, dealers dms c.l whse., works, frt. alld on 96 lbs. or over lb. .11 - —
l.c.l., same basis lb. .12 - .13
Bromide, NF, jars lb. .80 - 1.00
Carbide, standard generator size, dms. c.l divd ton. 121.00 - —
Carbonate (see Chalk and Whiting).
Chloride, cryst., purified, bbls., jars lb. .23 - .30
flake, 77-80% paper bgs., c.l., works, frt. equald ton. 23.50 -25.00
l.c.l., same basis ton. 52.00 -62.00
liquor, works basis 40%, tank cars ton. 9.75 -10.50
pellets, bgs., c.l., works ton. 31.00 - —
solid, 73-75% dms. c.l., works, same basis ton. 22.00 - —
l.c.l., works, same basis ton. 32.00 -69.00
USP, gran., bbls lb. .30 - —
Chromate, bgs., frt. equald lb. .29½- .30
Cyanide, dms. dlvd. E. of Rockies. lb. .30 - .50
Gluconate, AA, bbls., dms lb. .65 - .72
USP, bbls., dms lb. .58 - .65
Glycerophosphate, NF, fib., dms. lb. 1.85 - 2.00
Hydride, dms., works lb. .90 - —
Hypochlorite, 100-lb. dms., dlvd. E. of Rockies dm. 24.00 -28.50
cns., cased (45 lbs.) same basis. cs. 19 75 -21.50
Hypophosphite, ton lots and less, dms lb. .80 - .83
Iodide, jars lb. 4.10 - 4.12
Lactate, USP, dms., 10,000 lbs. or more, works lb. .37 - —
smaller quantities, works lb. .38 - .44
Mandelate, USP, dms., works lb. 2.10 - 2.25
Naphthenate, liq., 4% Ca, dms., frt. equald lb. .23¾- .24¼
Nitrate, tech., bbls., works lb. .10 - .12
Pantothenate, dextro, jars, 100 grams or more, frt. adjusted gram. .07½- —
Phenolsulphonate, dms lb. .64 - .65
Phosphate, dibasic, USP, bgs., c.l. 100 lbs. 6.75 - —
l.c.l. 100 lbs 7 10 - 7.45
feed grade, bgs. 15 tons, wks. ton. 105.00 - —
one ton or over, works ton. 115.00 - —
less than one ton, works ton. 125 00 - —
monobasic, bgs. 10,000 lbs., works, frt. equald lb. .05¾- —
smaller lots, same basis lb. 06¼- —
tribasic, bgs., c.l. works 100 lbs 6.50 - —
l.c.l. works 100 lbs 6.95 - 7.30
Phytate, bgs. works lb. .28 - —
Resinate, precip dms. frt. alld., works lb. .25¼- —
Silicate, hydrated, bgs., c.l. works lb. .06 - —
l.c.l., works lb. .06½- —
Stearate, precip ctns., c.l., works. lb. .37 - —
l.c.l., works lb. .38 - .39
Sulphate (see Gypsum).
Calendula flowers, bls lb. .55 - .80
Calomel, USP, fine powd., dms. lb 1.97 - 1.98
reg. powd., dms lb 1.82 - —
Camphene, chlorinated, 67-69% (see Toxaphene).
Camphor, monobromated, NF, dms., kgs lb. 2.75 - 2.85
natural, powd., 100-lb. lots lb. .45 - .55
tablets, 1-oz. ½-oz. cs lb. .85 - .93
Camphor, synthetic, tech., bbls., 2,000 lbs. or more, whse lb. .38 - —
10 bbls. (1,500 lbs.) lb. .40 - —
smaller lots lb. .41 - .51
USP, gran., powd., bbls., 2,000-lb. lots lb. .45 - —
1,000-lb. tots lb. .46 - —
smaller tots lb. .47 - —
tablets, tins, 2,000-lb. lots. lb. .73 - —
1,000-lb lots lb. .74 - —
smaller lots lb. .75 - —
Canada balsam (see Fir balsam).
Canella alba bark, bls lb. .25 - .30
Cantharides, Chinese, cs lb. .75 - .85
powd., bxs. lb. .90 - 1.05
Russian, bgs. lb 3.85 - 3.90
powd., bxs. lb. 4.00 4.10
Capsicum (see Pepper, red).
Oleoresin, NF, from domestic pepper lb. 4.00 - 6.50
from African pepper lb. 5.75 6.75
Caramel coloring, NF, bbls gal. 1.05 1.20
Caraway, Dutch lb. .16½- .17
Carbazole, 97% steel dms., ton lots, works lb. 1.55 - —
bbls., same basis lb. 1.65 - 1.85
Carbinol, butyl, secondary, dms., l.c.l., works lb. .70 - —
Methylisobutyl, dms., c.l., frt. alld. E. lb. .14¼- —
l.c.l., same basis lb. .15 - —
tanks, same basis lb. .12½- —
Carbon bisulphide, 50-gal. dms., c.l., works, frt. alld. to competitive points lb. .06¼- —
l.c.l., same basis lb. .07¼- —
5-gal. dms., c.l., same basis lb. .08½- .08¾
l.c.l., same basis lb. .09½- —
tankcars, same basis lb. .0440- —
Dioxide, cyls lb. .06 - .08
Carbon tetrachloride, c.p., dms., works lb. .10¾- —
NF, cbys lb. .17 - .19
tech., dms., c.l., E. of Rockies, frt. alld lb. .08 - —
W. of Rockies, f.o.b. stock points lb. .09 - —
l.c.l., E. of Rockies, frt. alld. lb. .091 - —
W. of Rockies, frt. alld. lb. .09¾- —
tanks, E. of Rockies, frt. alld. lb. .07¼- —
W. of Rockies, frt. alld lb. .08¼- —
Carboxymethylcellulose-Sodium—See CMC
Carbromal, NF, dms., 100-lb. lots, works lb. 4.00 - 4.25
smaller lots, works lb. 4.10 - 4.75
Cardamom fruit, bleached, bold, fancy, cs lb. 3.80 - 3.85
bold, cs lb. 3.65 - 3.70
medium, cs lb. 3.30 - 3.35
decorticated, Alleppey, cs lb. 4.00 - 4.05
Ceylon, cs lb. 3.40 Nom.
Guatemala, cs lb. 3.45 Nom.
Indian, cs lb. 3.65 - 3.70
Mangalore, cs lb. 3.65 - 3.70
green, Alleppey, bgs lb. 3.00 - 3.05
Ceylon, bgs lb. 3.00 - 3.05
seed (See Cardamom fruit, decorticated)
Carmine, No. 40, NF, bulk, 100 lbs. or more, dlvd. lb. 5.50 - —
smaller lots, dlvd lb. 5.65 - 6.15
Carotene, crystals, research grade, ampuls, pure alpha or beta, 10 mg. 5.00 - —
90% beta-10% alpha, ampuls 100 mg. 2.00 - —
gram quantities gm. 5.00 - —
Carotene crystals, technical, 1,350,000 A units per gram gm. .67½- —
tins, works gm. .40 - —
dry powder, 3,330 A units per gram lb. .81 - —
emulsion (in milk), 600,000 A units per 16-oz. cn. cn. 1.00 - —
in vegetable oil, 166,666 A units, per gram lb. 25.24 - —
50,000 A units per gram lb. 7.86 - —
8,800 A units, per gram, tins, works milli. units. .18 - —
dms., works milli. units. .16 - —
3,330 A units per gram lb. .85 - —
microcrystalline, in oil, 400,000 A units per gram, tins, works milli. units. .24 - —
Carvol, bots. lb. 8.75 - 9.00
Cascara sagrada bark, bulk lb. .30 - .33
Case-hardening mixture, 30% gran. dms., l.c.l., works lb. .10½- —
Casein dom., acid-precip. standard, bgs., 10,000 lbs. or more, ship't point lb. .38 - .39½
premium, bgs., 10,000 lbs. or more, ship't point lb. .39½- .41½
imp. acid-precip., ground 100 bgs or more, ex-dock lb. .35¾- .36
rennet-precip., bgs., 10,000 lbs. or more, ex-dock lb. .36 - .37
Cashew nut, shell liq., treated, dms., c.l., f.o.b. Newark, N. J. lb. .21 - —
ton lots same basis lb. .22½- —
dm. lo's. same basis lb. .24¼- —
Cassia, Batavia, longstick, bls lb. .30 - .31
broken lb. .20½- .21
shortstick, bls. lb. .20 - .20½
China, Canton, Kwangsi, rolls, select, cs. lb. .16 - .16½
broken, bls lb. .15½- .16
Honan, Yunnan rolls, scraped, bls. lb. .18 - .18½
Cassia, China, Honan, Yunnan rolls, scraped, broken, bls. lb. .17 - .17½
unscraped, bls lb. .17 - .17½
broken, bls lb. .16 - .16½
Saigon, broken, bls lb. .38 - .39
medium, bls. lb. .47 - .48
thin, bls. lb. .50 Nom.
Cassia fistula, bskts lb. .30 .35
Castor beans, bgs., f.o.b. Brazilian ports long ton. 180.00 Nom.
Oil (see Oil, castor).
Pomace, bgs., c.l., works ton. 30.50 - —
Castoreum, natural, cns lb. 7.00 -30.00
artificial, cns. lb. 9.00 - 9.25
Catechol, CP, cryst, fib. dms., works lb. 2.00 - —
resublimed, dms., works lb. 4.00 - —
Catnip leaves, bls lb. .70 - .75
Celery seed, French, bgs, afloat lb. .38 - .38½
Indian, bgs lb. .28 - .28½
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, ctns., works, frt. alld. on 100 lbs. or more lb. .36 - .38
molding, composition, plain colors, translucent, metallic pearls, special black, dms., c.l., frt. alld lb. .40 - —
l.c.l., same basis lb. .45 - .51
regular, black, dms., l.c.l., same basis lb. .31 - .39
variegations, dms., l.c.l., same basis lb. .50 - .59
molding and extrusion transparents, dms., c.l., same basis lb. .47 - —
l.c.l., same basis lb. .49 - .54
extrusion compounds, translucent metallic pearls, special black, dms., c.l., same basis. lb. .42 - —
l.c.l., same basis lb. .44 - .49

Life ...on the C

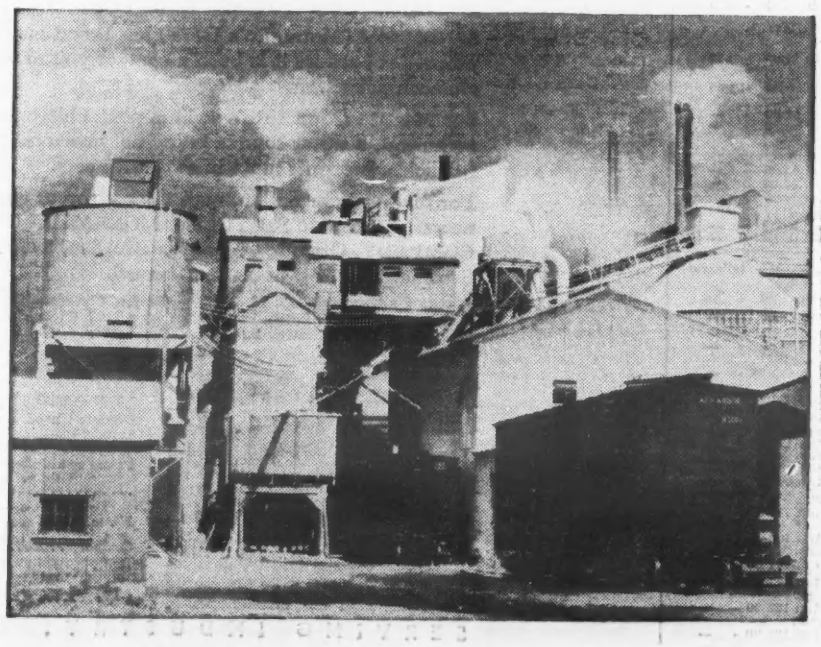


ONE OF THE USES OF Cyanamid's AERO* Brand Guanidine Carbonate is to preserve the free-flowing characteristics of soap powders and other granular-type detergents which tend to cake or "lump" in storage. This use is just one of the many interesting applications being developed for the new guanidine compounds now commercially available from Cyanamid. Further information and technical data on these newer nitrogen derivatives is available on request. The coupon is for your convenience.



LOOKING FOR A HARD, DURABLE PROTECTIVE COATING to give long, usef life? The paint industry is finding one answer in modern surfa coatings formulated with resins made from AERO* Brand Phthal Anhydride which impart extreme hardness, toughness and dur bility to the protective film.

Other major uses of Phthalic Anhydride include the manufa ture of chemical plasticizers, vat dyes and phthalocyanine pi ments. As one of the leading producers of this basic chemica Cyanamid will welcome your inquiry.



"A RAINCOAT FOR CEMENT" is one w to describe the action of AERO Brand Calcium Stearate in wate proofing specialty cements. Also interest to cement manufacture is the fact that in addition to i creasing water resistance in sp cialty cements, Calcium Stearate also widely used for cutting grin ing time and reducing caking the bag. Calcium Stearate is al used in the manufacture of ceme paints to increase their waterpro qualities.

*Trade-ma

Cellulose acetate-butyrate, flake, 17% butyryl content, ctns., 500 lbs. or over, works lb. .54 - —
less than 500 lbs., works lb. .55 - —
17.5% butyryl content, ctns., 500 lbs. or over, works lb. .50 - —
less than 500 lbs., works lb. .51 - —
26.5% butyryl content, ctns., 500 lbs. and over, works lb. .52 - —
less than 500 lbs., works lb. .53 - —
37% butyryl content, ctns., 500 lbs and over, works lb. .52 - .55
less than 500 lbs., works lb. .53 - .56
43% butyryl content, ctns., 500 lbs. and over, works lb. .57 - —
less than 500 lbs., works lb. .58 - —
molding composition plain colors, pearls, transparents, special black dms. l.c.l. frt alld. lb. .50 - .61
regular black dms l.c.l. same basis lb. .44 - .48
variegations dms., c.l., same basis lb. .61 - .66
Triacetate, flake ctns. works, frt. alld on 100 lbs or more lb. .40 - —
Cerium hydrate dms. works lb. 1.25 - —
Oxalate, NF, bbls., bgs., works lb .70 - .72
Oxide optical grade bgs. under 100 lbs., works lb 2.25 - —
kgs., 100-lb lots, works lb. 1.85 - —
Chalk, precip., cosmetic, dentifrice, drugs, bgs., c.l., works lb .02¾ - .05½
l.c.l., ex whse lb .04 - —
paint, bgs. c.l. works ton 40.00 - —
papermakers, ngs., c.l., works ton 32.50 - 40.00
rubber makers bgs. c.l., works ton 30.00 - —
Chamomile flowers, Hungarian, cs lb. .80 - .85
Roman, bls. lb. .80 - .85

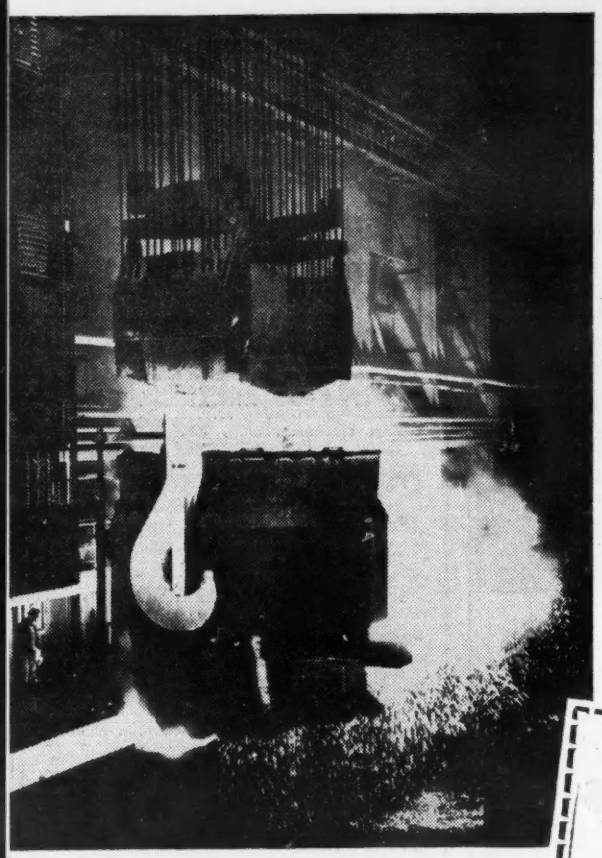
Charcoal, activated, USP, fib. dms., c.l., works lb. .25 - .32
5-ton lots, works lb. .26½ - .32½
smaller lots, works lb. .27 - .50
Bone, NF, bbls lb. .23 - —
Hardwood, briquets, bgs., c.l., works ton 51.80 - —
bulk, c.l., works ton 49.80 - —
granular, bgs., incl., c.l., works, ton 46.80 -59.00
lump, bgs., extra, returnable, c.l., works ton 41.80 -45.50
bulk, c.l., works ton 38.80 -43.50
Pinewood, gran., powd., ngs., c.l. works, South ton 40.00 - —
l.c.l., works ton 40.00 -50.00
lump bgs., c.l., works, South ton 40.00 - —
l.c.l., works, South ton 40.00 -50.00
bulk, c.l., works South ton 30.00 - —
Chestnut extract, 25% tannin, bbls., c.l., works lb. .0415- —
l.c.l., works lb. .0440- .0450
tanks, works lb. .0345- —
powd., 60% tannin, bgs., extra, c.l., works lb. .09 - —
l.c.l., works lb. .09?0- .1055
China clay, dom., dry-grd., air-float, 99.75% 300 mesh, bgs., c.l. works ton 12.50 -13.00
l.c.l., works ton 13.50 - 14.00
bulk, c.l., works ton 9.50 -10.00
200 mesh bgs., c.l., works ton 10.00 -12.00
l.c.l. works ton 11.00 -16.00
wet-grd., silk-bolt, 99½%, 325 mesh bulk, c.l., works ton 13.00 - —
paper bgs., c.l. works, ton 16.00 - —
imported, white, lump, bulk, c.l., ex dock Phila., Portland, Me., gross ton 19.00 -40.00
powd., ngs. c.l., ex dock, net ton 35.00 -45.00
l.c.l., ex whse net ton 45.00 -60.00

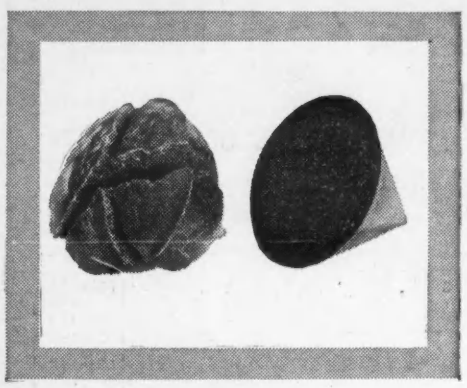
Chloral, tech., 94% min. dms., c.l., works lb. .23 - —
l.c.l., works lb. .24 - —
tanks, works lb. .21 - —
Hydrate, USP, jars lb. 1.05 - 1.10
Chloramine T, NF bbls., works lb. .75 1.00
Chloroapisidin, dms., frt. equald lb. 1.25 - —
Chlordane, agricultural, dms., pails, c.l., works lb. .65 - —
l.c.l., works lb. .70 - .75
refined, dms., c.l., works lb. .75 - —
l.c.l., works lb. .80 - .85
Chlorinated paraffin, dms. frt. alld. lb. .12½- .13¼
Rubber, standard, ctns., c.l., works lb. .42 - —
l.c.l., works lb .43 - —
Chlorine, liquid, cyls., c.l., NY lb. .08¾ - —
l.c.l., NY, stock points lb. .10¼ - —
tanks, single units works, frt. equald 100 lbs. 2.55 - —
multiple units, 3 cars, works, frt equald 100 lbs. 3.05 - —
2 cars, same basis 100 lbs. 3.65 - —
1 car, same basis 100 lbs. 4.25 - —
Chloroform, tech, dms., c.l., dlvd. E lb. .18 - .20
l.c.l., same basis lb. .20 - .22
tanks, same basis lb. .16 - —
USP, dms. lb. .30 - .35
Chloro(4)-2-toluidine bbls lb 1.38 - —
Chlorophyll, 4% oil soluble, water soluble, cosmetic and pharmaceutical, pails, tins lb. 3.75 - 4.25
Chloropicrin, com'l, bots lb 1.40 - —
cyls., 180-lbs., frt. alld. lb. .91 - —
100-lbs. same basis lb. .93 - —
25-lbs., same basis lb 1.18 - —

Cellulose-Butyrate, Flake—Coriander Seed

Cholesterol, USP, fib. dms., 100-lb. lots lb. 8.50 - —
5-lb pkg. lb 9.00 - —
1-lb pkg. lb 9.50 - —
Choline bitartrate, fib dms., frt. adjusted lb 2.30 2.55
Chloride, fib dms., same basis lb 2.30 2.55
Dihydrogen citrate, fib dms., same basis lb 2.30 2.55
Chromium acetate powd. 72% Cr., bbls. works lb No stocks
solut., 7½% bbls. works lb. .08 - —
cbys lb. .09¾ - —
8½% bbls., works lb. .08½ - —
cbys lb. .10¼ - —
Fluoride, bbls., works lb. .44½ - —
Green (see Green, chrome)
Oxide (see Green, chromium oxide)
Oleate, solid, bbls lb. 49 - —
Trioxide, USP, bots lb 82 - —
Yellow (see Yellow, chrome)
Chrysarobin, USP, bots lb 7.65 9.29
Cinchona bark, NF, red, quill, 20-inch, cs lb 1.26 Nom.
broken, bgs lb. 40 .45
yellow, broken, bgs lb. .32 .35
Cinchonidine, cryst., cns. 100 ozs. oz. .71 - .72
Sulphate, cns., 100 ozs oz. .37 - .40½
Cinchonine, cryst., cns. 100 ozs. oz. .57 - .65
Sulphate, NF, cns., 100 ozs oz. .30½ - .42
Cinchophen, NF, heavy density, dms., frt. adjusted lb. 3.70 4.05
Standard density, dms., same basis lb. 3.50 3.85
Cinchophen-sodium, dms., frt. adjusted lb 4.50 4.85
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, chys., cns. dms lb 90 1.20
Cinnamon, Ceylon, No. 2, bls lb. .37 - .38
Citral, bots., cns lb. 5.35 - 6.10
Citronellal, bots. dms lb 2.50 7.75
Citronellol, bots., dms lb 2.85 3.15
Civet, bots oz 4.00 -13.00
artificial, bots lb 13.75 -15.00
Clove, Madagascar, bls lb. .25½ - .26
Zanzibar, bls. lb. .25½ - .26
Clover tops, red, dom., bgs lb. .80 - .90
imported, ngs lb No stocks
CMC, purified, high vis., ctns., 20,000 lbs or over, works, frt. alld lb. .57 - —
smaller lots, same basis lb. .59 - .69
low and medium vis., ctns., 20,000 lbs. or over, works, frt. alld lb. .54 - —
smaller lots, same basis lb. .56 - .66
tech., low and medium vis., dms., c.l., works, frt. alld lb. .41 - —
l.c.l., works lb. .43 - —
Coaltar, coal-gas, water-gas, crude, resale dms. c.l. ex-whse, gal. .23½ - —
l.c.l., ex whse gal. .25 - —
tanks, ex-whse gal. .13½ - —
refd., resale bbls. c.l. ex-whse, gal. .24½ - —
l.c.l., ex-whse gal. .26 - —
tanks ex-whse gal. .14½ - —
Cobalt acetate, bbls, dlvd lb. .93½ - —
Carbonate, 46% powd., bgs., works lb. 1.65 - —
Chloride, 24.5% Co, kgs., works lb. .91¼ - —
Hydrate, 60.3% Co, bbls lb 2.13 - —
Linoleate, liquid, 6% Co, dms lb. .48¾ - —
fused, 8½%, Co, dms lb. .58 - —
Metal, 97.99% kgs., ex-wns. lb 1.80 - —
under 100 lbs. ex whse lb 1.82 1.87
Naphthenate, liq., 6% Co, dms. lb. .37¼ - .37½
Nitrate, 20.4% Co, bbls lb. .78¾ - —
Oxide, black, kgs lb 1.38 - —
Phosphate, feed grade, 34% Co, kgs lb. 1.31¼ - —
Resinate, fused, 3% Co, dms lb. .23¼ - —
Sulphate, bgs, 21% Co, kgs lb 1.05 - —
Cocaine, USP, cns., 100-oz oz 15.00 - —
Hydrochloride, cns. 100-oz lots oz 11.75 - —
Cochineal, gray, bgs lb. .67 - .68
silver, Teneriffe, bgs lb. .69 - .70
Cocillana bark, bgs lb .16 - .17
Cocoa butter, bgs lb. .88 - .93
Codeine, NF, cns. 100 ozs oz 13.25 - —
Hydrochloride, cns. 100 ozs oz 11.85 - —
Phosphate, USP, cns., 100 ozs oz 10.25 - —
Sulphate, USP, cns. 100 ozs oz 10.75 - —
Codliver oil (see Oil, codliver)
Cohosh, black root, bls lb. .20 - .23
Blue, root, bls lb. .17 - .18
Colchicine, USP, bots., cns oz 79.00 -85.00
Colchicum root, bls lb .60 .70
Seed, bgs. lb. 1.10 - 1.20
Collodion, USP, dms lb. .21 - —
Flexible, USP, dms lb. .22½ - —
Colocynth, pulp, bls lb. .22 - .25
Colombo root, bls. lb. .13 - .15
Coltsfoot leaves, bgs lb .30 .35
Condurango bark, bgs lb. .18 - .23
Copaiba balsam, cns., dms lb. .75 - .85
Copper acetate, cupric, bbls. works lb. .28 - —
smaller containers, works lb. .29 - .30
Carbonate, 55%, bgs., works lb. 20.90 -21.90
Chloride, anhyd., bbls., works lb. .30½ - —
crystals, bbls., works lb. .20¼ - —
Citrate, USP, 5-lb bots lb. 2.40 - —
Cyanide, tech., bbls lb. .494 - .514
Gluconate, cns., dms lb. 3.00 - 3.24
Hydrate, dms., frt. alld. E. Miss. lb. .27½ - .28
Metal, electrolytic, dlvd lb. .22½ - .24½
Naphthenate, liquid 8% Cu, dms., frt. alld lb. .22¾ - .23½
Nitrate, tech., cryst., bbls, works. lb. .25¼ - —
Oleate, liquid, 8.5% Cu, bbls lb. .27 - —
solid, 10% Cu, bbls lb. .39 - —
Oxide, black, bbls., works lb. .29 - .35
red, com'l, bbls., works lb. .30 - .35
Oxychloride-sulphate, bgs., frt. alld lb. .24¼ Nom.
Quinolate, fib, dms lb 3.50 - —
Resinate, precip., dms., frt. alld. lb. .25¼ - —
Stearate, bgs., works lb. .44½ - —
Sulphate, cryst., 99%, bgs., c.l., works 100 lbs. 8.65 - —
l.c.l. 100 lbs. 8.90 - 9.65
CP, cryst., gran., bbls., works, lb. .1440- —
monohydrated, 35%, dms., c.l., works 100 lbs. 14.40 - —
tribasic, dealers, bgs., c.l., works, frt. alld. lb. .2370- —
l.c.l., works lb. .2520- —
USP, gran., cryst., dms lb. .1440- .26
Undecylenate, dms lb. 2.50 2.75
Copperas, cryst., gran., bgs., c.l., works ton 17.00 - —
l.c.l., works 100 lbs. 1.55 2.00
bbls., c.l., works ton 20.00 - —
bulk, c.l., works ton 14.00 - —
Copra, c.i.f., Atlantic, Gulf ports ton 235.00 - —
Pacific ports ton 230.00 - —
Coriander seed, Argentine, bgs. lb. .19 - .20
Italian, bgs lb. No stocks.
Moroccan, bgs. lb. .25 - .26

Chemical Newsfront





CRAZE-RESISTANCE is not a term of the psychiatrist, but instead, of the adhesives expert. It describes the ability of an adhesive to resist cracking and crumbling after it has set. UREAC® 185 Resin Adhesive, shown at the right in the photograph, has this characteristic to a high degree. The ordinary type urea glue shown at the left does not. To receive literature describing UREAC 185 more fully, check the attached coupon and send it in today.

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Corn sugar, tanners, chipped, paper bgs., c.l., 60,000 lbs. min. 100 lbs. 6.24 - —
bbls., c.l., same basis 100 lbs. 6.30 - —
Syrup, 42°, bbls., c.l. 100 lbs. 6.57 - —
l.c.l. 100 lbs. 6.72 - —
Cornsilk, bls lb. 15 - .19
Corrosive sublimate, NF, cryst., dms., 50 lbs. or more lb. 1.68 - —
gran., powd. dms., 50 lbs or more lb. 1.53 - —
Cottonroot bark, bls lb. .26 - .28
Cottonseed hull ash, 32-36% potash, bgs., dlvd., unit-ton 1.75 - —
Meal, 41% protein, bulk Mem phis ton 69.00 - —
Coumarin, NF, cns lb. 3.00 - 3.25
powd., cans lb. 3.25 - 3.50
Cramp bark, NF, bls lb. 1.05 - 1.10
Cranesbill root, bls lb. .55 - .60
Cream of tartar, dom., NF, gran. or powd., bbls., 5,000 lbs. one ship lb. .31 - —
smaller lots, bbls., kgs lb. .31½- .32½
Creosote coaltar crude tanks, works, frt adjusted gal. .18 - —
refined dms., c.l., works gal. .36½- .40
l.c.l. same basis gal. .37½- .47
tanks, same basis gal. .23½- —
solution 90%, tanks, works gal. .158 - —
NF, beechwood, bots., cbys lb. 1.25 - —
hardwood, bots., cbys lb. .95 - —
Pinewood, dms gal .31 - .35
Carbonate, NF, bots., cbys lb. 2.70 - —
Cresols, tech., dry, above 207°C, non-ret. dms., c.l. frt. equald. lb. .138 - —
l.c.l., same basis lb. .141 - —
Cresols, tech., dry, above 207° C, ret. dms., c.l., same basis, lb. .1375- —
l.c.l., same basis lb. .1410- —
tanks, same basis lb. .125 - —
USP, non-ret. dms., c.l., same basis lb. .148 - —
l.c.l., same basis lb. .151 - —
ret. dms., c.l., same basis lb. .145 - —
l.c.l., same basis lb. .148 - —
tanks, same basis lb. .135 - —
Crotonaldehyde, 91-93%, dms., c.l. works lb. .16½- —
l.c.l., works lb. .17 - .50
Cryolite, nat., dealers, bgs., c.l., works 100 lbs. 13.75 - —
bbls., l.c.l., works 100 lbs. 14.00 - —
Cube root, powd., 5% rotenone, bgs., ton lots, works lb. .26 - .30
Cubeb berries, XX NF bgs lb. .35 - .45
powd., cs lb. .44 - .54
Culvers root, bbls lb. .50 .60
Cumene, dms., c.l. lb. .08 —
l.c.l. lb. .09 -
tanks gal. .53 .56
Cumin seed, Iranian, bgs lb. .19 - .19½
Morocco, bgs lb. .19 - .19½
Syrian, bgs. lb. .19 - .19½
Cutch extract, 65% tannin, bgs., ex dock lb. .06¾- —
Cyanamide, fertilizer mixing grades, 20.6% N, gran., bulk, Niagara Falls, Ont., contracts, ton 46.50 - —
ton 46.50 - —
pulv. 21% N, bgs, same basis unit-ton 2.25 - —
Cyclohexane, tech., dms., c.l., works. lb. .11 - —
l.c.l., works lb. .11¾- —
tanks, works lb. .09¼- —
Cyclohexanol, tech., dms., c.l., works. lb. .31½- —
l.c.l., works lb. .33 - —
tanks, works lb. .30 - —
Cyclohexanone, tech., dms., c.l. lb. .26½- .30
l.c.l., works lb. .27 - .31
tanks, works lb. .25 - .29
Cyclohexylamine, dms., c.l., works. lb. .37½- —
l.c.l., works lb. .38½- —
tanks, works lb. .36½- —
Cyclopropane, USP 2 lb cyls, works, cyl. 40.00 - —
6 oz. cyls., works cyl. 10.50 - —
Hospitals, cyls., 40 gal. lots gal. .32 - —
100-gal. lots gal. .31 - —
200-gal. lots gal. .30 - —

D

2, 4-D, bbls., c.l. works, frt. equald. lb. .43 - .48
l.c.l., same basis lb. .48 - .60
Isopropyl ester, dms., c.l., works lb. .54 - —
l.c.l., works lb. .59 - .66
Damiana leaves, bls lb. .40 .45
Dandelion root, bls lb. .50 - .55
DDD, tech., fine grd, fib, dms., c.l., works lb. .51 - —
l.c.l., works lb. .51½- —
lump, fib, dms., c.l., works lb. .49 - —
l.c.l., works lb. .49½- —
DDT, fiber dms., c.l., works, frt. equald lb. .34 - .36
smaller lots, same basis lb. .35 - .38
Decanol, normal, tech., dms., c.l., dlvd lb. .34½- —
l.c.l., dlvd. lb. .36½- —
tanks, dlvd. lb. .32 - —
Deertongue leaves, bls lb. .35 - .40
Defluorinated phosphate, 82% b.p.l., paper bgs., works ton 44.15 - 55.75
flock, 14½%P paper bgs., works ton 45.00 - —
Degras, common, bbls lb. .11 - .12
Neutral, less 2% ffa., bbls lb. .21 - .22
over 2% ffa., bbls lb. .20 - .21
Derris root, 5% rotenone powd lb. .42 - —
Desoxyephedrine hydrochloride, dextro dms lb. 30.00 - —
dextro-laevo, dms lb. 7.50 - —
Dextrin, corn, gum, paper bgs., c.l. 100 lbs. 7.70 - —
l.c.l. 100 lbs. 7.85 - —
Chicago, c.l. 100 lbs. 7.05 - —
canary, paper bgs., c.l. 100 lbs. 7.54 - —
l.c.l. 100 lbs. 7.69 - —
Chicago, c.l. 100 lbs. 6.89 - —
dark, paper bgs., c.l. 100 lbs. 7.64 - —
l.c.l. 100 lbs. 7.79 - —
Chicago, c.l. 100 lbs. 6.99 - —
white, paper bgs., c.l. 100 lbs. 7.59 - —
l.c.l. 100 lbs. 7.74 - —
Chicago, c.l. 100 lbs. 6.74 - —
Corn dextrin in cotton bgs. 12c. to 15c. per 100 lbs. higher.
Potato, domestic bgs lb. .09½- .10
imported, bgs lb. .08½- .09
Dextrose, USP dms lb. 17¾- —
Diacetone (see Alcohol diacetone).
Diacetyl, flavor grade, bots lb. 5.00 - 5.55
laboratory grade, bots 100 grams. 4.50 - —
tech., bots, works lb. 3.00 - —
Diamyl ether (see Ether, amyl).
Phthalate, dms., c.l., dlvd. E lb. No prices.
l.c.l., dlvd. E lb. No prices.
tanks, dlvd. E lb. No prices.
Dianisidine, ums lb. 1.75 - —
Diatomaceous earth, dom., bgs., c.l., Atlantic coast ton. 50.00 - 52.00
California ton. 35.00 - 40.00
l.c.l., ex whse ton. 80.00 - —
purified, bgs., c.l., Atl. coast ton. 62.00 - —
California ton. 90.00 - —
l.c.l., ex whse ton. 90.00 - —
Imported, Algerian, bgs., c.l., Atlantic coast ton. No prices.
Mexican, white, bgs., c.l., Atlantic coast lb. .03 - —
l.c.l., Atlantic coast lb. .06 - —
Dibenzyl sebacate, dms., c.l., works. lb. .73¾- —
l.c.l., works lb. .74¾- —
tanks, works lb. .74 - —
Dibutyl phthalate, dms., c.l., dlvd lb. .33¾- .34¾
l.c.l., dlvd lb. .30¾- .33¾
tanks, dlvd lb. .30 - .33
Sebacate, dms., c.l., works lb. .60¾- —
l.c.l., works lb. .61¾- —
tanks, works lb. .59 - —
Tartrate, dms., works, frt. alld. lb. .62 - —
Dibutylamine, dms., c.l., frt. alld lb. .51½- —
l.c.l., frt. alld lb. .52½- —
tanks, frt. alld lb. .49¾- —
Dicapryl phthalate, dms., c.l., dlvd. lb. .39¾- —
l.c.l., dlvd lb. .40¾- —
tanks, dlvd lb. .38 - —
Sebacate, dms., c.l., works lb. .53¾- —
l.c.l., works lb. .54¼- —
tanks, works lb. .51½- —
Dichloroaniln, dms., works lb. .75 .80
Dichlorodiphenyldichloroethane (see DDD).
Dichlorodiphenyltrichloroethane (see DDT).
Dichloroethyl ether (see Ether, dichloroethyl).
Dichloropentanes, dms., c.l., works. lb. .047 - —
l.c.l., works lb. .055 - —
tanks, works lb. .04 - —
Dichlorophenol, dms., c.l., frt. equald lb. .27 - —
l.c.l., frt. equald lb. .28 - —
Dicyclohexylamine, dms., c.l., works lb. .41¼- —
l.c.l., works lb. .42 - —
tanks, works lb. .40 - —
Dicyclohexylphthalate, lib. dms., c.l., works lb. .45 - —
l.c.l., same basis lb. .46 - —
Diethanolamine, dms., c.l., frt. alld., E lb. .27¾- —
l.c.l., same basis lb. .28¾- —
tanks, same basis lb. .26 - —
Diethyl carbonate, dms., c.l., frt. alld lb. .36¾- —
l.c.l., same basis lb. .37¾- —
tanks, same basis lb. .35 - —
Malcate, dms., c.l., dlvd lb. .45 - —
l.c.l., dlvd lb. .49 - .52½
tanks, dlvd lb. .43½- —
Oxalate, dms., c.l., frt. alld lb. .3-¾- —
l.c.l., same basis lb. .3-¾- —
tanks, same basis lb. .33 - —
Phthalate, dms., c.l., dlvd lb. .25¼- .29¾
l.c.l., dlvd lb. .26½- .30¾
tanks, dlvd lb. .24 - .28
Sulpnate, dms., c.l., works lb. .17¼- —
l.c.l., works lb. .17¾- —
tanks, works lb. .15½- —
Diethylamine, dms., c.l., frt. alld. E lb. .57 - —
l.c.l., same basis lb. .58 - —
tanks, same basis lb. .55¼- —
Diethylanilin, dms. lb. .48 - —
Diethyleneglycol, dms., c.l., frt. alld. E lb. .18¾- —
l.c.l., same basis lb. .19¾- —
tanks, same basis lb. .17 - —
Boriborate, dms., l.c.l. lb. .28 -
Diethylether, dms., c.l., works lb. .46½- —
l.c.l., works lb. .47 - —
Monobutylether, dms., c.l., works. lb. .25¾- —
l.c.l., works lb. .26¾- —
tanks, works lb. .24 - —
Monobutylether acetate, dms., c.l., works lb. .27¼- —
l.c.l., works lb. .27¾- —
Monoethylether, dms., c.l., works. lb. .19¼- —
l.c.l., works lb. .19¾- —
tanks, works lb. .17½- —
Monoethylether, acetate, dms., c.l., works lb. .25¼- —
l.c.l., works lb. .25¾- —
Monomethylether, dms., c.l., works. lb. .23¼- —
l.c.l., works lb. .23¾- —
tanks, works lb. .21½- —
Diethylenetriamine, dms., c.l., works. lb. .42 - —
l.c.l., works lb. .42½- —
tanks, works lb. .40 - —
Diethylethanolamine, dms., c.l., works, frt. alld lb. .61½- —
l.c.l., same basis lb. .62½- —
tanks, same basis lb. .59¾- —
Diethylstilbestrol, USP, bots kilo. 240.00 - 300.00
Digitalin, cryst., bots gram. 12.50 - 18.00
powd., bots oz. 25.00 - 30.00
Digitalis leaves, dms lb. .85 - 1.25
Digitoxin, USP, bots gram. 7.50 - 8.00
Diglycol, laurate, dms lb. No prices.
Oleate, dms. lb. .38 - —
Stearate, dms. lb. No prices.
Dihexyl sebacate, dms., c.l., works. lb. .51¾- —
l.c.l., works lb. .52¾- —
tanks, works lb. .50 - —
Dihydrostreptomycin hydrochloride and sulphate, horpitals, vials gram. .60 - —
wholesalers, vials gram. .43 - —
Dihydroxydichlorodiphenylmethane, dms lb. .95 - 1.00
smaller containers lb. 1.05 - 1.40

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Di-isobutyl ketone, dms., c.l., dlvd. lb. .14½ - —
l.c.l., dlvd. lb. .15½ - —
tanks, dlvd. lb. .12½ - —
Di-isobutylene, dms., c.l., works lb. .08½ - —
l.c.l., works lb. .09 - —
tanks, works lb. .05½ - .06½
Di-isooctyl phthalate, dms., c.l., dlvd. lb. .39¾ - —
l.c.l., same basis lb. .40¾ - —
tanks, same basis lb. .38 - —
Di-isopropylamine, dms., c.l., frt. alld. lb. .49¾ - —
l.c.l., same basis lb. .50¾ - —
tanks, same basis lb. .48 - —
Diliseed, natural, bgs. lb. .10½ - .11
dewhiskered, bgs. lb. .13 - .13½
Dimethyl chloroacetal, dms., c.l., works lb. .53 • —
l.c.l., works lb. .55 • —
tanks, works lb. .51 • —
Phthalate, dms., c.l., dlvd. lb. .24½ - .25¾
l.c.l., dlvd. lb. .25½ - .26¾
tanks, dlvd. lb. .23 - .24
Sebacate, dms., c.l., works lb. .78¾ - —
l.c.l., works lb. .79¾ - —
tanks, works lb. .77 • —
Sulphate, 55-gal. ret. dms., c.l., works lb. .15 • —
l.c.l., works lb. .16 • —
10-gal. ret. dms., works lb. .16½ —
Dimethylamine, 25%-40% dms., c.l., works, basis 100% lb. .37 - .38
l.c.l., works, basis 100% lb. .37½ - .38½
tanks, works, basis 100% lb. .32 - —
Dimethylanilin, dms., c.l., frt. alld. lb. .24 • —
l.c.l., frt. alld. lb. .25 • —
tanks, frt. alld. lb. .23 • —
Dimethylethanolamine, dms., c.l., dlvd lb. 1.43 • —
t.c.l., dlvd. lb 1.45 • —
tanks, dlvd lb 1.40 • .57
Dinitroaniiin, dms., frt. equald. lb. .54 • .57
Dinitrobenzene, crude, dms. lb. .18 • —
purified, dms. lb. .19½ - —
Dinitrochlorobenzene, dms., c.l., frt. alld. E lb. .16¼ - —
l.c.l., frt. alld. E lb. .17¼ - —
tanks, frt. alld. E lb. .15¼ - —
Dinitrophenol, bbls. lb. .31 • —
Dinitrotoluene, oily, dms. lb. .09½ - —
refd., dms. lb. .19 • —
Dinonylnapnthalene, c.l., dms., works lb. .13 • —
t.c.l. dms., works lb. .14 • —
tanks works lb. .12 • —
Dioctyl adipate, dms., c.l., works, frt. alld. lb. .42 • .43¼
l.c.l., same basis lb. .43 • .44¼
tanks, same basis lb. .40½ - .41½
Phthalate, dms., c.l., frt. alld. lb. .37½ - .39¾
l.c.l., frt. alld. lb. .38½ - .40¾
tanks, frt. alld. lb. .36 • .38
Diorthotolylguanidin, dms. ton lots, dlvd lb. .48 • —
smaller lots, dlvd lb. .50 • —
Dioxan, dms., c.l., frt. alld. lb. .25 • —
l.c.l., same basis lb. .25½ - —
tanks, same basis lb. .23½ - —
Dip oil (see far acid oil).
Dipentaerythritol, bgs. t.c.l. works lb. .34 • —
Dipentene, dest.-dist., dms. incl. c.l., works, South gal. .35 • —
t.c.l., same basis gal. .36 • —
N. Y. whse. gal. .46 • —
tanks, works, South gal. .20 • —
steam-dist., dms., c.l., works, south gal. .35 • —
t.c.l., works, South gal. .46 • —
dlvd. N. Y. gal. .52 • —
Diphenyl, bbls., c.l., works lb. .15 • —
t.c.l., works lb. .16 • .20
Oxide, perfume grade, cns., dms. lb. .43 • .62
Phthalate, dms., c.l., works lb. .45 • —
l.c.l., same basis lb. .47 • —
Diphenylamine, refined, gran., bbls., c.l. lb. .26 • —
t.c.l., works lb. .28 • —
tankcars, works lb. .23 • —
tech., tankcars, works lb. .22 • —
Diphenylguanidin, dms., ton lots lb. .39 • —
smaller lots lb. .40 • —
Diphenylhydantoin-sodium, USP, dms. lb. 3.25 • 3.50
Dipropyleneglycol, dms., c.l., frt. alld. lb. .13¾ - —
l.c.l., same basis lb. .16¾ - —
tanks, same basis lb. .14 - —
Dipropyleneglycol methylether, dms., c.l., frt. equald. lb. .19¾ - —
l.c.l., same basis lb. .20¾ - —
tanks, same basis lb. .18¼ - —
Ditertiarybutylmetacresol, dms., c.l., works lb. .32 • —
l.c.l., works lb. .33 • —
tanks, works lb. .31 • —
Ditertiarybutylparacresol, dms., c.l., works lb. .91 • —
l.c.l., works lb. .95 • —
Divi-divi, 43% tannin, bgs., bls., c.l., U. S. ports, ex dock ton 68.00 • —
Divinylbenzene, 18%, dms., c.l., works lb. .25 • —
l.c.l., works lb. .26 • —
tanks, works lb. .24 • —
40%, dms., c.l., works lb. .55 • —
l.c.l., works lb .60 • .65
Dodecyltoluene, dms., c.l., works lb. .14 • —
l.c.l., works lb. .15 • —
tanks, works lb .13 • —
Doggrass root, dom., cut, bls. lb. .20 • .24
imp., NF, cut, bls. lb. .25 • .30
Dogwood bark, Jamaica lb. .09 • .12
Dragon's blood, drops, cs. lb. .45 • .47
mass, cs. lb. .90 • 1.00
reeds, cs. lb. 1.75 • 2.00

Dyes, coaltar, certified colors for food, drugs and cosmetics, 5-lb. and 1-lb. lots, dlvd.:—
Blue, FD&C, No. 1, cns. lb.17.00 -17.60
No. 2, cns. lb.17.00 -17.60
Green, FD&C, No. 1, cns. lb.17.00 -17.60
No. 2, cns. lb.22.20 -22.85
No. 3, cns. lb.35.25 -35.90
Orange, FD&C, No. 1, cns. lb 3.65 - 3.75
No. 2, cns. lb 4.65 - 4.75
Red, FD&C, No. 1, cns. lb 7.55 - 7.85
No. 2, cns. lb 4.00 - 4.10
No. 3, cns. lb.22.20 -22.85
No. 4, cns. lb 7.20 - 7.50
No. 32, cns. lb 5.30 - 5.40
Violet, FD&C, No. 1, cns. lb.16.10 - —
Yellow, FD&C, No. 1, cns. lb.10.50 -11.05
No. 3, cns. lb 3.30 - 3.40
No. 4, cns. lb 3.30 - 3.40
No. 5, cns. lb 4.00 - 4.10
No. 6, cns. lb. 4.00 - 4.10

Dyes, coaltar, certified colors for drugs and cosmetics, 1-lb. lots, works, 25-50 lb. lots, dlvd:—
Black, D&C, No 1, cns. lb.10.95 • —
Blue, D&C, No. 4, cns. lb.13.55 • —
Brown, D&C, No. 1, cns. lb.16.10 • —
Green, D&C, No. 5, cns. lb.16.10 • —
No. 6, cns. lb.16.10 • —
No. 7, cns. lb.14.80 • —
Orange, D&C, No. 3, cns. lb.10.95 • —
No. 4, cns. lb.20.05 • —
No. 5, cns. lb 5.70 • —
No. 10, cns. lb.20.70 • —
Red, D&C, No. 8, cns. lb 3.75 • —
No. 9, cns. lb 3.75 • —
No. 10, cns. lb 3.00 • —
No. 11, cns. lb 2.23 • —
No. 12, cns. lb 3.00 • —
No. 17, cns. lb.10.95 • —
No. 18, cns. lb.24.00 • —
No. 19, cns. lb.20.05 • —
No. 21, cns. lb 4.70 • —
No. 22, cns. lb 10.95 • —
No. 28, cns. lb.24.65 • —
No. 33, cns. lb.17.45 • —

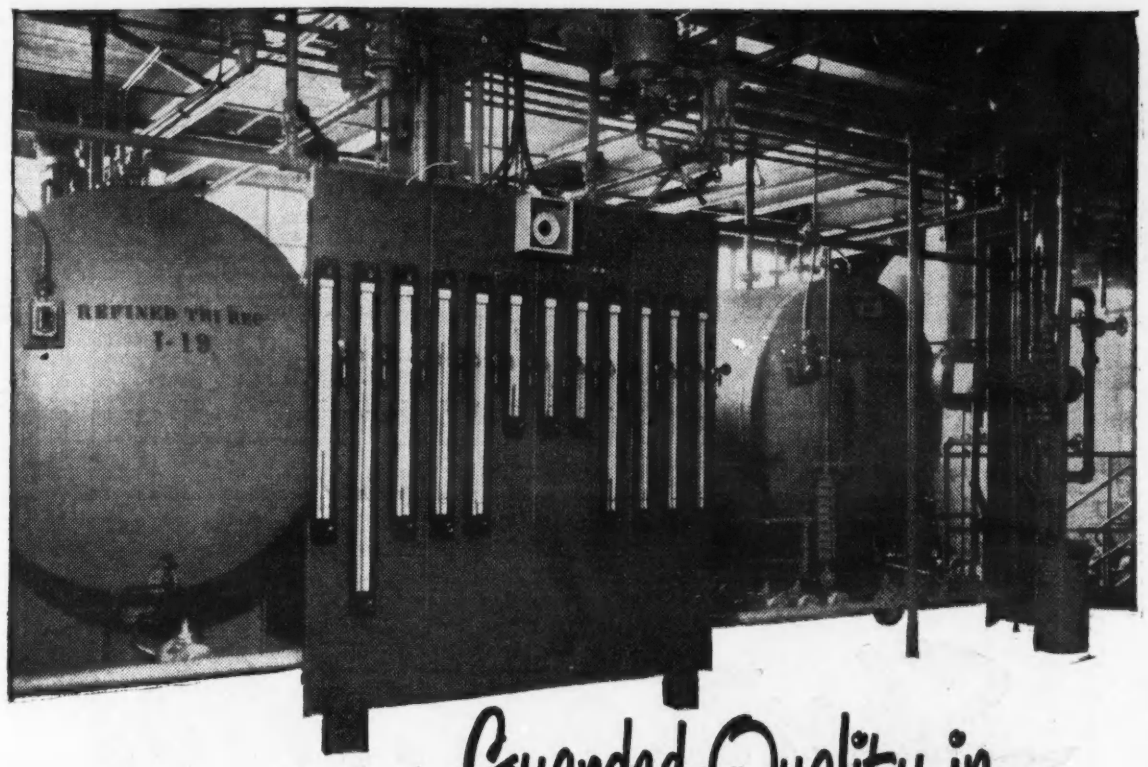
Dyes, coaltar, certified colors for drugs and cosmetics, 1-lb. lots, works, 25-50 lb. lots, dlvd:—
Violet, D&C, No. 2, cns. lb.16.10 • —
Yellow, D&C, No. 7, cns. lb.10.95 • —
No. 8, cns. lb.10.95 • —
No. 10, cns. lb.13.50 • —
No. 11, cns. lb.13.50 • —
No. 22, cns. lb 9.15 • —
No. 33, cns. lb.14.65 • —
No. 37, cns. lb.13.53 • —

Dyes, coaltar, certified colors for drugs and cosmetics, external use, 1-lb. lots, works, 25-50 lb. lots, dlvd:—
Blue, Ext. D&C, No. 1, cns. lb.16.10 • —
Green, Ext. D&C, No. 1, cns. lb 16.10 • —
Red, Ext. D&C, No. 1, cns. lb.13.50 • —
Yellow, Ext. D&C No. 1, cns. lb.10.95 • —

Dyes, coaltar, for general use in cloth dyeing (numbers are those of the Colour Index scale or prototype).
20 Chrysodine G. lb. .59 • —
27 Orange G. lb. .71 • —
31 Amido naphthol red G. lb. .59 • —
36 Alizarine yellow 2G lb. .76 • —
40 Alizarine yellow R lb. .97 • —
57 Amido naphthol red 6B lb. .90 • —
79 Ponceau R. lb. .68 • —
151 Orange II. lb. .44 • —
165 Red lake C. lb. 1.05 • —
179 Azo rubine lb .95 • —
176 Red lake A lb .80 • —
180 Diamond blue 2B lb. .84 • —
185 Cochineal red A lb .65 • —
202 Chrome blue black R. lb. .62 • —
203 Chrome black T lb. .72 • —
208 Sulphon acid blue R. lb. .83 • —
216 Acid alizarin red B lb. .77 • —
234 Resorcin brown lb. .82 • —

Dyes, coaltar, for general use in cloth dyeing (numbers are those of the Colour Index scale or prototype):
246 Naphthol blue black lb .78 • —
278 Benzo fast red SBL lb 2.74 • —
289 Sulphon cyanine 5R extra lb 1.00 • —
299 Diamond black F lb 1.78 • —
304 Nerol 2B lb 1.64 • —
326 Benzo fast orange S lb 1.45 • —
332 Bismarck brown R lb .78 • —
363 Chrysophenine lb 2.14 • —
382 Diamine black BH lb 1.51 • —
401 Diamine black BH lb .58 • —
406 Benzo blue 2B conc. lb .95 • —
419 Diamine fast red F lb 1.05 • —
420 Diamine brown M lb .82 • —
448 Benzo purpurine 4B lb 1.08 • —
518 Diamine sky blue FF lb 1.48 • —
561 Trisulphon brown B lb 1.78 • —
581 Direct deep black EW extra. lb .81 • —
593 Diamine green B lb .60 • —
598 Congo brown G lb 1.20 • —
620 Sun yellow lb .84 • —
639 Xylene light yellow lb 1.77 • —
640 Tartrazine lb 1.34 • —
655 Auramine lb 1.69 • —
657 Malachite green lb 1.93 • —
662 Brilliant green lb 2.55 • —
667 Brilliant milling green B lb 3.27 • —
671 Glaucine lb 1.54 • —
680 Methyl violet B lb .95 • —
681 Crystal violet lb 1.91 • —
698 Formyl violet S4B lb 1.51 • —
720 Chrome azurol B lb 3.60 • —
729 Victoria blue B lb 2.48 - 2.68
737 Wool green S lb 2.14 • —
749 Rhodamine B lb 3.85 - —
814 Chloramine yellow lb 2.76 - —
841 Safranine lb 2.58 - —

Dyes, coaltar, for general use in cloth dyeing (numbers are those of the Colour Index scale or prototype).
865 Nigrosine WSJ 78 lb. .60 • —
922 Methylene blue GXX lb 1.28 • —
969 Hydron blue R lb. .72 • —
978 Sulphur black T extra lb. .28½ - —
1027 Alizarin Vi lb .64 • —
1034 Alizarin red S lb 2.30 • —
1054 Alizarin saphiro B lb 2.59 • —
1078 Alizarin cyanine green lb 2.61 • —
1085 Alizarin blue black B lb 2.13 • —
1086 Indanthrene golden orange G single paste lb 1.98 • —
double paste lb 5.92 • —
1099 Indanthrene dark blue BO. single paste lb 1.72 • —
1101 Caledon jade green lb. 2.32 • —
1106 Indanthrene blue RS, double paste lb. 2.52 • —
1113 Indanthrene blue GCD, double paste lb. 1.73 • —
1150 Indanthrene olive R, single paste lb. 1.08 • —
1151 Indanthrene brown R, single paste lb 1.63 • —
double paste lb 3.29 • —
1212 Indanthrene red violet RH. single paste lb. 1.54 • —
1217 Helindon orange R, single paste lb 1.57 • —
p-4 Acid anthracine brown P G. lb 2.48 • —
p-14 Anthracene chromate brown EB lb 1.23 • —
p-24 Benzo fast black L lb 1.94 • —
p-80 Diazo brilliant scarlet ROA lb 2.55 • —
p-202 Zambesi black V lb .97 • —
p-244 Celliton scarlet B lb 1.25 • —
p-313 Naphthol AS-SW lb. 2.74 • —



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Dyes, Coaltar, For Stains—Fluorspar

Dyes, coaltar, for stains, oil-soluble, 100-lb. dms., sellers' works.

Black, blue, No. 550	lb.	.72	—
Jet, No. 551	lb.	.79	—
Brown, R, conc	lb.	1.44	—
Orange R, brilliant	lb.	.80	—
Red 4 B, conc	lb.	1.22	—
Yellow, C	lb.	1.05	—
FN, conc	lb.	1.08	—

Dyes, coaltar, for stains, spirit-soluble, 100-lb. dms., sellers' works,

Auramine, O	lb.	1.69	—
Black, basic, blue	lb.	1.08	—
Jet	lb.	1.08	—
Blue, methylene, 2 B, conc	lb.	1.42	—
Brown, Bismarck, R, conc	lb.	.78	—
Chrysodine, R, extra	lb.	.55	—
Y, extra	lb.	.59	—
Fuchsine, conc	lb.	2.82	—
Green, malachite, conc	lb.	1.93	—
Rhodamine, B	lb.	3.97	—
Safranine, Y, conc	lb.	2.66	—
Violet, methyl, B	lb.	1.01	—

Dyes, coaltar, for stains, water-soluble, 100-lb. dms., sellers' works.

Black, acid blue, B extra	lb.	.76	—
Orange, acid, Y, conc	lb.	.42	—
Rhodamine, azo R, extra, conc.			
Rhodamine, R, extra, conc	lb.	3.97	—
Scarlet, croceine, MOO	lb.	1.33	—
Yellow, azo-, conc	lb.	.82	—
Fast light, 3 G, extra	lb.	1.80	—
Methanil, conc	lb.	.83	—

Oil-soluble, spirit-soluble, water-soluble dyes in kegs, 3c. higher; tins, 10c. higher.

E

Echinacea root, bls	lb.	.45	.55
Egg albumen (see Albumen).			
Yolk, dried, dom., bbls	lb.	1.16	1.18
Chinese, spot, bbls., duty paid	lb.	.90	Nom.
tanners, bbls	lb.	.06½	.07
Elder flowers, bright, bls	lb.	.40	.50
Elecampane root, bls	lb.	.22	.25
Elm bark, grinding, bls	lb.	.30	.35
powd., bbls., bxs	lb.	.40	.45
select, bndls	lb.	.45	.60
Emetine hydrochloride, USP, bots	oz.	37.50	40.00
Ephedra herb, bls	lb.	.30	.32
Ephedrine, synthetic, USP, anhydrous, bots., 100 ozs	oz.	.68	—
hydrous, bots., 100 ozs	oz.	.62	—
Hydrochloride, tin, 100 ozs	oz.	.75	—
Sulphate, cryst., tins, 100 ozs.	oz.	.72	—
powd., tins, 100 ozs	oz.	.73	—
Epichlorohydrin, dms., c.l., works	lb.	.36¾	—
l.c.l., works	lb.	.37½	—
tanks, works	lb.	.35	—
Epinephrine, synth., USP, bots., 100 grams	gram	.45	—
Epsom salt, tech., bgs., c.l., works, 100 lbs.	100 lbs.	2.15	—
l.c.l., works	100 lbs.	2.90	3.15
USP, cryst., bgs., c.l., works, 100 lbs.	100 lbs.	2.35	—
l.c.l., 5,000 lbs., 1 withdrawal	100 lbs.	3.10	—
smaller lots	100 lbs.	3.35	—
Ergot, NS, dms., tin-lined	lb.	5.10	5.25
Eserine, bots.	oz.	45.00	50.00
Salicylate, USP, bots	oz.	33.00	34.00
Sulphate, bots.	oz.	32.00	36.00
Ether, acetate (see Ethyl acetate),			
Butyl, dms., c.l., works	lb.	.32½	—
l.c.l., works	lb.	.33	—
tanks, works	lb.	.31	—
Butyric (see Ethyl butyrate).			
Dichloroethyl, purif., dms., frt. equald	lb.	.14	—
l.c.l., same basis	lb.	.14½	—
tanks, same basis	lb.	.13	—
technical, dms., c.l., works	lb.	.12	—
l.c.l., works	lb.	.13	—
tanks, works	lb.	.13½	—
Divinyl, USP, anesthesia, bots., 50 cc, hospitals	bot.	1.00	—
75 cc, hospitals	bot.	1.50	—
NF, dms., dlvd	lb.	.25	—
Ethyl, absolute, ACS, dms	lb.	.30	—
anesthesia, USP, nospital, cns.	lb.	.78	.90
industrial, USP, dms., c.l., dlvd.	lb.	.12	—
l.c.l., same basis	lb.	.14	—
tanks, same basis	lb.	.10	—
synthetic, dms., incl., dlvd. East.	lb.	.14	—
l.c.l., same basis	lb.	.16	—
tanks, same basis	lb.	.12	—
Isopropyl, dms., c.l., dlvd	lb.	.06¼	—
l.c.l., dlvd	lb.	.07	—
tanks, dlvd	lb.	.04½	—
Nitrous, conc., bots., 100 lbs	lb.	1.03	1.10
Ethyl acetate, natural, fermentation, 85-88%, dms., c.l., frt. alld.	lb.	.15¾	.18¾
l.c.l., frt. alld	lb.	.16¾	.19¾
tanks, frt. alld	lb.	.14	.17
95-98%, dms., c.l., frt. alld.	lb.	.15¾	.19
l.c.l., frt. alld	lb.	.16¾	.20
tanks, frt. alld	lb.	.14½	.17¼
99%, dms., c.l., frt. alld.	lb.	.16	—
l.c.l., frt. alld	lb.	.17	—
tanks, frt. alld	lb.	.14¾	.17½
NF, dms., frt. alld	lb.	.24	.25
Ethylacetate, synthetic, 85-90%, dms., c.l., frt. alld	lb.	.11¾	—
l.c.l., frt. alld	lb.	.12¾	—
tanks, frt. alld	lb.	.10	—
95-98%, c.l., frt. alld	lb.	.12	—
l.c.l., frt. alld	lb.	.13	—
tanks, frt. alld	lb.	.10¼	—
99%, dms., c.l., frt. alld.	lb.	.12¼	—
l.c.l., frt. alld	lb.	.13¼	—
tanks, frt. alld	lb.	.10½	—
Acetoacetate, dms., c.l., dlvd	lb.	.47½	—
l.c.l., dlvd	lb.	.48½	—
tanks, dlvd	lb.	.46	—
Acrylate, dms., c.l., and truckload, works	lb.	.49	—
less than truckload, works	lb.	.49½	—
tanks, works	lb.	.48	—
Benzoate, dms	lb.	.70	.75
Betaethoxypropionate dms. works	lb.	.70	—
Bromide, tech., 98% dms	lb.	.39	.41
Butyrate, bots	gal.	5.10	6.00
cns, works	lb.	.68	.87
dms., works	lb	60	—
Carbamate (see Urethane).			
Chloride, tech., dms., c.l., frt. alld. E.	lb.	.16	.18
l.c.l., same basis	lb.	.18	.20
tanks, same basis	lb.	.13½	—
USP, bbls., cyl	lb.	.20	.22
Cinnamate, cns	lb	2.25	2.50
Formate, dms	lb.	.55	.65
Iodide, bots., works	lb.	3.88	4.27
Lactate, dms., works	lb.	.42¼	—
Methacrylate, dms., c.l. and truckload, works	lb.	.50	—
less than truckload, works	lb.	.50½	.60
Nitrite (see Ether, nitrous).			
Oenanthate, dms	lb.	.95	1.50
Oleate, dms., l.c.l., works	lb.	No prices.	
Oxalate (see Diethyl oxalate).			
Silicate, dist (see Tetraethyl-orthosilicate).			
40% available SiO_2, dms. works	lb	.55	—
Ethylalphanaphthylamine (see Monoethylalphanaphthylamine).			
Ethylaniline, dms., frt. alld	lb.	.50	—
Ethylbenzene, dms., c.l	lb.	.14	—
l.c.l.	lb.	.15	—
tanks	lb.	.13	—
Ethylbutyl ketone, dms., c.l., works.	lb.	.31½	—
l.c.l., works	lb.	.32	—
tanks	lb.	.30	—
Ethylcellulose, fib dms. 5,000 lbs., works	lb.	.54	—
smaller lots, works	lb.	.56	.64
Ethylene dichloride, dms. c.l., works, frt. alld E. of Rockies	lb.	.10¾	—
l.c.l., works, frt. alld E of Rockies	lb.	.11¾	—
tanks, frt. alld., E. Rockies	lb.	.09	—
Prices West of Rockies, 1c. per lb. higher.			
Oxide, cyls., c.l., frt. equald	lb.	.24¾	—
l.c.l., frt. equald	lb.	.25¾	—
tanks, frt. dlvd	lb.	.17¾	—
Trichloride (see Trichloroethane)			
Ethylenediamine, dms., c.l., works	lb.	42	—
l.c.l., works	lb.	42½	—
tanks, works	lb.	40	—
Ethyleneglycol, dms., c.l., frt alld. E.	lb.	.17¼	—
l.c.l., same basis	lb.	.18¼	—
tanks, same basis	lb.	.15½	—
Diethylether, dms., l.c.l. works	lb.	.55	—
Monobutylether, dms., c.l., works	lb.	.21¼	—
l.c.l., works	lb.	.21¾	—
tanks, works	lb.	.19½	—
Monoethylether, dms., c.l., works.	lb.	.19¼	—
l.c.l., works	lb.	.19¾	—
tanks, works	lb.	.17½	—
Monoethylether acetate, dms., c.l., works	lb.	.17¼	—
l.c.l., works	lb.	.17¾	—
tanks, works	lb.	.15½	—
Monomethylether, dms., c.l., works.	lb.	.20¾	—
l.c.l., works	lb.	.21¼	—
tanks, works	lb.	.19	—
Monomethylether acetate, dms., c.l., works	lb.	.25¾	—
l.c.l., works	lb.	.26¼	—
tanks, works	lb.	.24	—
Monostearate, dms	lb.	.33	—
Ethylethanolamines, mixed, dms., c.l., frt. alld., E. Miss	lb.	.33¾	—
l.c.l., same basis	lb.	.34¾	—
tanks, same basis	lb.	.32	—
Ethylmorphine hydrochloride, USP bots	oz	11.85	—
Ethylorthotoluidine (see Monoethyl-orthotoluidine).			
Ethylvanillin cns., 3 lbs or more	lb	6.75	—
smaller lots	lb	6.80	6.90
Eucalyptol, USP, cns., dms	lb	1.25	2.05
Eucalyptus leaves, bls	lb	10	.14
Eugenol, pure, USP, cns	lb.	2.50	3.25
Euphorbia, pil., herb., bls	lb.	.18	.20

F

Feldspar enamel, 100 mesh, bgs., works	ton.	20.00	22.00
Glass, 20 mesh, bulk, tons, works	ton.	11.75	12.50
Pottery, bgs., ton lots, works	ton.	20.00	22.00
bulk, c.l., works	ton.	18.00	20.00
Fennel seed, Czech., dark, bgs	lb.	.11½	.12
French, bgs	lb.	.12	.12½
Indian, bgs	lb.	.12½	.13
Fenugreek seed, domestic, bgs	lb.	No stocks.	
Indian, bgs	lb.	.11	.11½
Moroccan, bgs	lb.	.06	.06½
Syrian, bgs	lb.	.07	.07½
Ferric-ammonium citrate (see iron-ammonium citrate)			
Ferric cacodylate (see iron cacodylate).			
Ferric glycerophosphate (see iron-glycerophosphate).			
Ferric hypophosphite (see iron hypophosphite).			
Ferric sulphate (see iron sulphate, ferric).			
Film scrap, colored, cs., works	lb.	.11½	—
water-white, cs., works	lb.	.13½	—
Fir balsam, Canada, cns	gal.	31.50	32.50
Oregon, bbls	gal.	2.35	2.60
Fishberries, bgs	lb.	.20	.25
Fishliver oil (see Oil, fishliver).			
Fishmeal, ground, 60% protein, bgs., Balto. area	ton.	130.00	—
Fishscrap, dried 60% protein, bulk, Balto. area	ton.	122.50	—
Fluorspar, acid grade bgs. c.l. mines	ton.	47.50	—
l.c.l., mines	ton	49.50	—
bulk, contract, c.l., mines	ton	42.00	—
noncontract, c.l., mines	ton	45.00	—
l.c.l., mines	ton	47.00	—
ceramic grade, No. 1, ground, 90-92% CaF_2, bulk, c.l. mines, net	ton.	37.00	—
powd., 90-92%	ton	41.00	—
foundry grade, lump, 55-60%	ton.	34.00	—
washed, gravel, 70% or more, CaF_2, bulk, c.l., mines	ton.	37.00	—
65%, bulk, c.l., mines	ton.	36.00	—
60%, bulk, c.l., mines	ton.	34.00	—
less than 60% bulk, c.l., mines	ton.	32.00	34.00

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ACIDS • ALCOHOLS • ALDEHYDES • GLYCOLS • KETONES • PLASTICIZERS • SOLVENTS

Formaldehyde, USP, (inhibited), dms., c.l., E. works..lb. .0600- .0623
l.c.l., E. works.....lb. .0650- .0675
tanks, E. works.....lb. .0395- .0420
methanol-free (uninhibited), tanks, works..lb. .0375- .0400

Tankcar and tankwagon prices above are on a delivered basis in New England Eastern New York, N. J., Eastern Penna. and part of Delaware, in states other than Eastern Seaboard as well as W. of Rockies, prices f.o.b. Texas plants are .022 for inhibited and .020 for uninhibited.

Fleaseed (see Psyllium seed).
Fringetree bark, bls.....lb. .53 - .56
Fuller's earth dom. powd., bgs. c.l., Fla. Ga mines ton.30.00 —
Tex., mines ton.27.00 —
spent, bulk Bayonne.....ton 2.00 4.00
imported, bgs. c.l.....ton.30.00 40.00
Furfural, tech. dms., c.l., works lb. 12 —
l.c.l., works ..... lb. .14 —
tanks, works lb 09½ —
Fusel oil, refined, dms., c.l., dlvd lb. .28¾ - —
l.c.l., dlvd.....lb. .29¾ - —
tanks, dlvd.....lb. .27 - —
Fustic extract cryst., No. 1, bbls., l.c.l lb. 42½ —
No. 1A, bbls., l.c.l..... lb. 41½ - —
No. 2, bbls., l.c.l ..... lb. 40½ - —
No. 3, bbls., l.c.l..... lb. 38½ - —
liquid, No. 0, bbls., l.c.l..... lb. 22 - —
No. 1, bbls., l.c.l..... lb. .20½ - —
No. 2, bbls., l.c.l..... lb. .19½ - —
No. 3, bbls., l.c.l..... lb. 17 - —
solid, No. 1, bxs., l.c.l..... lb. .28 .40

G

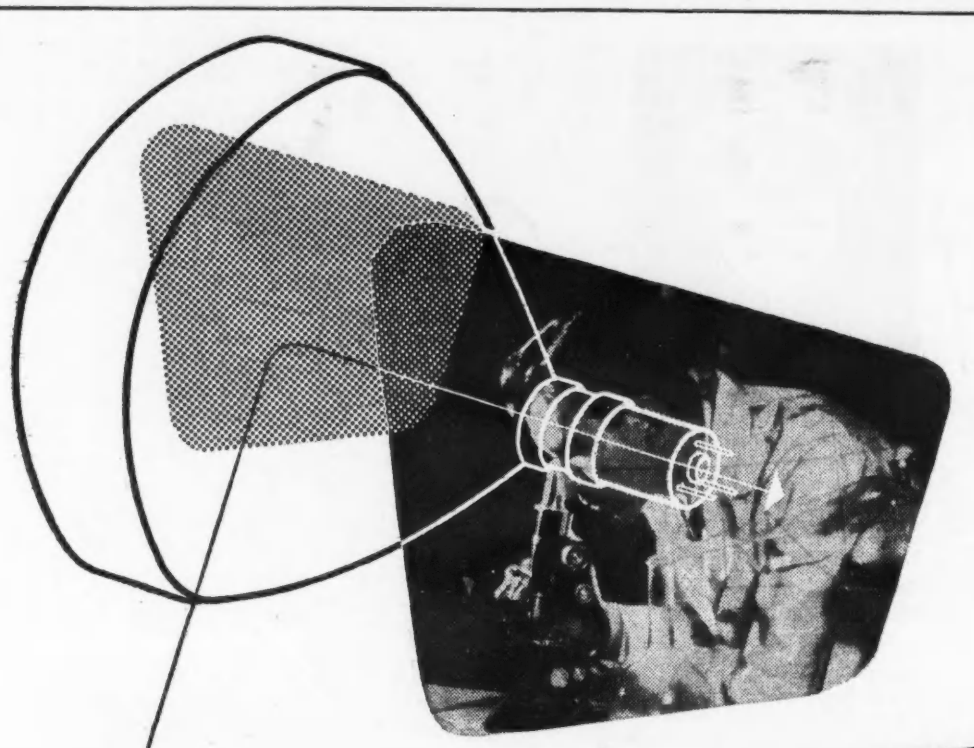
G salt, bbls, frt. alld.....lb. .66 - —
Galangal root, bls.....lb. .25 - .30
Gambier, plantation, bgs., ex dock lb. No stocks.
Extract, bbls ... No stocks.
Gammapicoline, 95%, dms., c.l., works lb. 1.00 1.05
Gasoline, at refinery, ex tax, Arkansas, 80 octane tanks gal. .1075- —
Bayonne, 83 octane, tanks gal. .116 - —
Gulf coast, 82 octane, tanks gal. .105 - .11
Group 3, 82 octane, tanks gal. .10375- .10625
Pennsylvania, western, U. S. motor, 83 octane, tanks gal. .124 - .13
natural, 26-70 octane group 3, tanks gal. .05875- —
Gelatin, silver tabl, imported, cs lb. 1.15 —
Gelsemium root, bls.....lb. .30 - .32
Gentian root, bls.....lb. .16 - .18
grd., bbls., bxs.....lb. .20 - .22
powd., bbls., bxs.....lb. .21 - .23
Geraniol, extra, cns., dms.....lb. 2.60 3.00
prime lb. 2.20 2.40
Geranyl acetate, cns.....lb. 2.60 3.00
Ginger, oleoresin, NF, from African root, bots lb. 7.75 - 9.50
from Jamaican root.....lb.10.50 -14.00
Root, African, bls.....lb. .42 - .43
May-June shipment, bgs.....lb. .38 - .39
Cochin, bleached, bgs., futures, lb. No stocks.
unbleached, bgs.....lb. .50 - .51
Jamaica, No. 1, bgs.....lb. .65 - .66
No. 2, bgs.....lb. .64 - .65
No. 3, bgs.....lb. .57 Nom.
Rhattoon, bgs.....lb. .50 Nom.
Nigerian, split, bgs.....lb. .34 - .35
Ginseng root, cs.....lb.12.00 -16.00
Glauber's salt, annyd. (see Sodium sulphate).
cryst., bgs., c.l., works 100 lbs. 1.60 - —
l.c.l., bgs., works 100 lbs. 1.75 - 2.00
Glue, bone, calcium type 24 millipoise, 40 jellygrams, bgs., c.l., East of Midwest lb. .19½- —
65 jellygrams, bgs., c.l., same basis lb. .21½- —
80 jellygrams, bgs., c.l., same basis lb. .23 - —
110 jellygrams, bgs., c.l., same basis lb. .24 - —
130 jellygrams, bgs., c.l., same basis lb. .25 - —
Over 150 jellygrams, bgs., c.l., same basis lb. .26 - —
Bone glue, l.c.l., 1c. per lb. higher than c.l.
ground, 65 jellygrams, bgs., c.l. (50,000 lbs.), dlvd.....lb. .21½- —
l.c.l., same basis.....lb. .22½- —
Hide, 100-121 (jellygrams), bgs., c.l., dlvd..lb. .24 - .27
122-149, bgs., c.l., dlvd.....lb. .25 - .28
150-177, bgs., c.l., dlvd.....lb. .26 - .29
178-206, bgs., c.l., dlvd.....lb. .27 - .31
207-236, bgs., c.l., dlvd.....lb. .28 - .32
237-266, bgs., c.l., dlvd.....lb. .29 - .33
267-296, bgs., c.l., dlvd.....lb. .30 - .34
299-330, bgs., c.l., dlvd.....lb. .31 - .35
331-362, bgs., c.l., dlvd.....lb. .32 - .35
363-394, bgs., c.l., dlvd.....lb. .33 - .36
395-427, bgs., c.l., dlvd.....lb. .34 - .37
428-460, bgs., c.l., dlvd.....lb. .35 - .38½
461-494, bgs., c.l., dlvd.....lb. .36 - .40
495-529, bgs., c.l., dlvd.....lb. .37 - .41
Hide glue, l.c.l., prices 1c. higher than c.l., bbls. ½c. more than bgs.
Glycerin, crude, saponification, 88%, to refiners, tanks, dlvd..lb. .55- .60 Nom.
soaplye, 80% tanks, dlvd..lb. .50- .55 Nom.
dynamite, dms., c.l., dlvd.....lb. .39 - .47
l.c.l., dlvd.....lb. .39½- .47½
tanks, dlvd.....lb. .38½- .46½
high gravity, dms., c.l., dlvd..lb. .39¾- .47
l.c.l., dlvd.....lb. .39¾- .47½
tanks, dlvd.....lb. .38¾- .46½
refined, BP, 98%, dms., c.l., dlvd. lb. .40½- .49
l.c.l., dlvd.....lb. .41 - .49½
tanks, dlvd.....lb. .40 - .48½
USP, c.p., 95%, dms., c.l., dlvd.. lb. .39¾- .47½
l.c.l., dlvd. .....lb. .40¼- .48
tanks, dlvd. .....lb. .39¼- .47
yellow, distilled, dms., c.l., dlvd.lb. 39¼- .46⅞
l.c.l., dlvd.....lb. .40⅛- .47⅛
tanks, dlvd.....lb. .38⅛- .46⅛
Glycine USP (see Acid, aminoacetic).
Glyoxal, 30%, dms., c.l., works..lb. .18½- —
l.c.l., works.....lb. .19 - —
tanks, works.....lb. .18 - —
Gold chloride, acid-brown, bots..oz.22.50 -23.00
acid-yellow, bots.....oz.20.50 - —
Gold of pleasure seed, bgs.....lb. .40 .41
Goldenseal root, bls.....lb. 3.25 - 3.50
powd., bxs.....lb. 4.00 - 4.25
Gold-sodium chloride, photo, bots. oz.13.00 -14.00
USP IX, bots.....oz.14.50 -15.50
Grains of paradise, bgs.....lb. .46 - .53
Graphite, imported, amorph., powd., bgs., dlvd lb. No prices.
crystalline, 88-90%, powd., bgs., ex whse lb. No prices.
90-92%, powd., bgs., ex whse. lb. No prices.
97%, powd., bgs., ex whse lb. No prices.
flake, No. 1 90-95%, bgs., ctns., ex whse lb. No prices.
No. 2, whse.....lb. No prices.

Grease, house, loose, dlvd.....lb. .09 - —
White, choice, loose.....lb. .12¼- —
Wool (see Degras and Lanolin).
Yellow, loose.....lb. .09¼- —
Green, brilliant, thioflavin, toner, molybdic, kgs., works lb. 4.25 - 4.50
Tungstic, kgs., works lb. 4.25 - 4.50
16-20% bbls. same basis lb. .38½- —
Chrome, CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N.C. E. of Miss., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .32 - .33
6-10%, bbls., same basis lb. .33 - .34
11-15%, bbls., same basis lb. .34 - .35
16-20%, bbls., same basis. lb. .34½- .35½
21-25%, bbls., same basis lb. .35¼- .36¼
26-30%, bbls., same basis lb. .35¾- .36¾
31-35%, bbls., same basis lb. .36¾- .37¾
36-40%, bbls., same basis lb. .38½- .39½
41-45%, bbls., same basis lb. .40 - .41
46-50%, bbls., same basis lb. .22¼- .23¼
50% and over, bbls., same basis..lb. .43¾- .44¾
reduced color, 8%, bbls., same basis lb. .12½- —
6-10% bbls., same basis.. lb. .13¼- —
11-13%, bbls., same basis.. lb. .13¾- —
14-16%, bbls., same basis.. lb. .14½- —
Green, chrome, reduced color, 17-19% bbls., same basis.. lb. .14¾- —
20-21%, bbls., same basis.. lb. .15 - —
22-23%, bbls., same basis.. lb. .15¼- —
24-25%, bbls., same basis.. lb. .15½- —
26-27%, bbls., same basis.. lb. .15¾- —
28-29%, bbls., same basis.. lb. .16¼- —
30-31%, bbls., same basis.. lb. .17¼- —
32-33%, bbls., same basis.. lb. .16½- —
34-35%, bbls., same basis.. lb. .19½- —
36-40%, bbls., same basis.. lb. .41¾- —
41-45%, bbls., same basis.. lb. .24½- —
46-50%, bbls., same basis.. lb. .26 - —
51-55%, bbls., same basis.. lb. .25¾- —
56-60%, bbls., same basis.. lb. .26¼- —
61-65%, bbls., same basis.. lb. .27¼- —
66-70%, bbls., same basis.. lb. .28½- —

Chrome green prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C. S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.); Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita prices are equalized with Chicago.

Formaldehyde—Gum, Copal

Green, chromium oxide, hydrated, l.c.l., bbls., dms., frt. alld. lb. .85 - .95
pure, c.l., bgs., frt. alld.....lb. .34 - .40¼
Dyes (see Dyes, coaltar).
Malachite thioflavin toner, molybdic, bbls., works lb 3.00 - —
tungstic, bbls. works lb 3.40 - —
Paris (see P).
Phthalocyanin toner, bbls., works, lb 4.40 5.00
Tungstated, brilliant, kgs.....lb. 3.00 4.00
Emerald kgs .... lb 2.60 —
Grindelia robusta herb, bls.....lb. .24 - .30
Guaiac resin, NF, cs.....lb. .60 - .65
ordinary, cs.....lb. .49 - .51
Wood, bls.....lb. .33 - .36
Guaiacol, cryst., tins.....lb. No prices.
Liquid, NF, bots., cbys.....lb. 1.90 - 1.95
Carbonate, dms.....lb 2.95 - 3.00
Guarana, powd., cs.....lb 1.50 - 1.75
Gum, accroides (see Gum, yacca).
Aloe (see A.).
Ammoniac, tears, cs .....lb .90 - .95
Arabic, amber, sorts, bgs.....lb. .12 - .13¼
powdered, USP, bbls.....lb. .20½- .21
Asafetida (see A).
Asphaltum (see A).
Benzoin, Sumatra, cs.....lb. .50 .70
Camphor (see C).
Copal, Congo, No. 1, bgs.....lb. .25 - .26
No. 2, bgs.....lb. .20 - .22
No. 3, bgs.....lb. .17½- .19¼
Manila (oba, B, bgs.....lb No prices.
C, bgs.....lb. .28 - .30
CBB, bgs.....lb. .26 - .27
CNE, bgs. .....lb No prices.
DBB, bgs.....lb. .25 - .28
DK, bgs.....lb. .18 - .24
dust, bgs.....lb. .07½- .09
soft, MA, bgs.....lb. .19 - .21
WS, bgs. .....lb. No prices.



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Bismuth	Less than	0.1 ppm
Cobalt	Less than	0.5 ppm
Chromium	Less than	0.5 ppm
Cesium	Less than	0.1 ppm
Iron		0.2 ppm
Lithium		0.9 ppm
Manganese	Less than	0.1 ppm
Nickel	Less than	0.5 ppm
Aluminum		15.0 ppm
Barium	Less than	0.1 ppm
Cadmium	Less than	0.1 ppm
Lead		1.2 ppm
Silicon	Less than	1.0 ppm
Tin		0.3 ppm
Strontium	Less than	0.1 ppm
Titanium	Less than	0.5 ppm
Zinc	Less than	1.0 ppm

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nubs, bgs lb. .28 - .30
seeds, bgs lb. .17 - .21
sorts, bgs lb. .19 - .21
Pontianak, chips, bgs lb. .16 - .22
nubs, bgs lb. .26 - .32
Dammar, Batavia, A D, bgs lb. .28 - .30
A E, bgs lb. .23 - .25
dust, bgs lb. .08 - .10
E, bgs lb. .12½ - .14½
East India, batu, bold, bgs lb. .11 - .13
nubs and chips, bgs lb. .07 - .10
black, bold, bgs lb. .11¼ - .14
unscraped, bgs lb. .09½ - .12
nubs and chips, bgs lb. .08½ - .11
pale, chips, bgs lb. .14 - .16
nubs, bgs lb. .23 - .26
Singapore, No. 1, bgs lb. .34 - .36
No. 2, bgs lb. .23 - .25
No. 3, bgs lb. .09½ - .11
dust, bgs lb. .09½ - .11
seeds, bgs lb. .12½ - .13½
Elemi, cns lb. .23 - .24
Ester, gum-rosin type, dms., c.l., dlvd, Ill., Ind., Ky., Mich., Mid-Atl. States, N E. States, Minneapolis, N C. Ohio, St. Louis, St. Paul, Va., W Va lb. .12 - .12½
wood-rosin type, dms., c.l., dlvd, Ill., Ind., etc lb. .12 - .12½
Euphorbium, cs lb. .35 - .40
Galbanum cs lb .75 .80
Gamboge, pipe, cs lb. 1.00 - 1.05
powd., bbls. lb. 1.15 - 1.20
Ghatti, No. 2, bgs lb. .35 - .37
No 3, bgs lb. .31 - .33
Guaiac (see Guaiac resin).
Karaya, powd., No. 1 lb. .49 - .54
No. 2 lb. .45 - .46
No. 3 lb. .34 - .35
Gum, kauri, bgs lb. .31½ - .32¾
Locust bean, powd., bgs lb. .32 - .34
Mastic, cs. lb 2.25 - 2.50
Myrrh, cs. lb. .30 - .35
Olibanum, siftings, cs lb. .12 - .13
tears, cs. lb. .16 - .30
Opium (see O).
Red (see Gum, gaccia).
Rosin (see R).
Sandarac, cks. lb 1.95 - 2.25
Scammony, cs lb. 1.50 - 1.55
Sterculia (see Gum, karaya).
Talha, bgs lb .10 - .11
Tragacanth, No. 1, cs lb. 3.50 - 3.75
No. 2, cs. lb 2.30 - 2.55
No. 3, cs. lb 2.00 - 2.25
powdered, USP, bbls lb. 1.50 - 1.55
Yacca, bgs lb. .06 - —

Gypsum, Keane's cement, paper bgs., c.l., Acme, Tex., frt. equald ton.22.65 - —
Harlem river, N. Y., frt. equald ton.28.25 - —
Medicine Lodge, Kan., frt. equald ton.17.00 - —
New Brighton, N. Y., frt. equald ton.30.65 - —
Southard, Okla., frt. equald ton.17.00 - —
Sweetwater, Tex., frt equald ton.21.45 - —
Plaster of paris, paper bgs., c.l., Acme, Texas, frt. equald ton.12.50 - —
Blue Rapids, Kans., frt equald ton.10.50 - —
Harlem river, N Y., frt. equald ton.12.00 - —
Medicine Lodge, Kan. frt. equald ton.12.50 - —
Gypsum, plaster of paris, paper bgs., c.l., New Brighton, N. Y., frt. equald ton.18.00 - —
Saltville, Va., frt. equald ton 9.00 - —
Southard, Okla., frt. equald, ton.12.50 - —
Sweetwater, Tex., frt equald ton.12.50 - —
Stucco, paper bgs., c.l., Akron, N. Y., frt. equald ton. 8.00 - —
Blue Rapids, Kans., frt. equald ton 8.00 - —
Clarence Center, N Y., frt. equald ton 8.00 - —
Fort Dodge, Iowa, frt. equald ton 8.00 - —
Gypsum, Ohio, frt equald. ton. 8.00 - —
Grand Rapids, Mich., frt. equald ton 8.00 - —
Harlem river, N Y., frt. equald ton. 8.00 - —
National City, Mich., frt. equald ton. 8.00 - —
New Brighton, N. Y., frt. equald ton 8.00 - —
Plasterco, Ga., frt. equald ton. 8.00 - —
Portsmouth, N. H., frt. equald ton 8.00 - —
Roton, Texas, frt. equald. ton. 8.00 - —
Saltville, Va., frt. equald ton. 9.00 - —
Southard, Okla., frt. equald. ton. 8.00 - —
Sweetwater, Texas, frt equald ton 8.00 - —
Terra alba, paper bags, c.l., Harlem River, N. Y. works ton.22.50 - —
New Brighton, N. Y., works ton.21.00 - —

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Heliotropin, cryst., cns lb 3.00 3.25
Hellebore root, dom., green bls lb. .80 - 1.10
imp., black, whole bls lb. .25 - .30
ground, bxs lb. .30 - .35
powder, bxs lb. .32 - .37
white, whole, bls lb. .25 - .30
powder, bxs lb. .35 - .45
Helonias root, bls lb. 1.65 1.75
Hematine extract, cryst., No. 0, bbls., t.c.l lb. .45½ -
No. 1, bbls., t.c.l lb. .44½ -
No. 1A, bbls., t.c.l lb. .41½ -
No. 2, bbls., t.c.l lb. .40½ -
No. 3, bbls., t.c.l lb. .38½ -
No. 4, bbls., t.c.l lb. .36½ -
No. 5, bbls., t.c.l lb .34½ -
paste, No. 1, bbls., t.c.l lb. .19 -
No 2, bbls., t.c.l lb. .18 -
No. 3, bbls., t.c.l lb. .17 -
No. 4, (red), bbls., t.c.l. lb. .12½ -
Hemlock bark extract, 25% tannin, bbls., c.l., works lb. No stocks.
tanks, works lb. No stocks.
Henbane leaves, bls lb. .30 .35
Henna leaves, bls lb. .23 .25
powd., bbls., bgs lb. .27 .29
Heptane, industrial Bayonne, N J., tanks gal. .17 -
group 3, tanks gal 12½ - .13⅛
Hesperidin methylchalcone, works. lb.50.00 -
Hexalin (see Cyclohexanol).
Hexamethylenetetramine, tech., bgs., c.l., Perth Amboy or N.Y.C. lb. .23 -
t.c.l., same basis lb. .25 -
bbls., c.l., same basis lb. .23½ -
t.c.l., same basis lb. .25½ -
USP, dms., 500 lbs. or more, same basis lb. .39½ -
smaller lots, same basis lb. .40½ -
Hexamine (see Hexamethylene tetramine)
Hexane, industrial, group 3, tanks, gal. .148 -
Bayonne, N. J., tanks gal. .17 -
Hexanol, normal, dms., c.l., works lb. .31½ -
t.c.l., works lb. .32 -
tanks, works lb. .30 -
Hexyleneglycol, dms., c.l., dlvd lb. .14¼ -
t.c.l., dlvd. lb. .15 -
tanks, dlvd. lb. .12½ -
Hexylmethacrylate, normal, dms., less than truckload, works. lb. .71 -
Hexylresorcinol, USP, 50 lbs. up, frt. alld lb.17.00 -
works lb.15.00 -17 00
smaller lots, frt. alld lb 18.00 -
works lb.18.00 -20.00
Histamine diphosphate, USP, bots kilo.375.00 -
Histidine hydrochloride—laevo, NF, fib dms., 50 kilo lots, works kilo.100.00 -120 00
1-5 kilos, works kilo.110 00 -130 00
Homatropine hydrobromide, USP, bots oz.15.00 -16.00
Hydrochloride, bots oz.20.00 -22.00
Methylbromide, NF oz 13.00 -16.25
Hoof meal, 17-18% ammonia, bulk, c.l., Chicago unit-ton. 7.00 - —
Hops, NF, bls lb 40 45
Horehound herb, bls lb. .18 - .20
Hydrangea root, bls lb .14 .17
Hydrastine, bots. oz.31.00 -37.00
Hydrochloride, NF oz.29.50 -35 00
Sulphate, bots oz.35.00 -37.00
Hydrastinine, 10-grain bots bot. 1.95 -
Hydrastis (see Goldenseal).
Hydroturamide, dms. fib. sens., works lb. .30 - .40
Hydrogen chloride, anhyd., 50 lb. cyl., works lb. .50½ - .55⅛
Peroxide, USP, bbls lb. .03¾ - .05
27½%, cbys., E. of Miss. lb. .17½ - .19⅛
35%, cbys., same basis lb. .23½ - .25⅛
dms., c.l., same basis lb. .20½ -
t.c.l., same basis lb. .21 - .23⅛
tanks lb 19¾ -
Hydrogen peroxide prices on W. Coast, 2c. per lb. higher.
Hydroquinone, photographic, bbls., dms lb. .90 - —
tech. dms lb 70 —
Hydroxycitronellal, cns lb. 7.30 - 8.05
Hyoscine salts (see Scopolamine)
Hyoscyamine, bots. oz.15.75 -16.00
Hydrobromide, bots. oz.16.50 -18.00
Sulphate, bots oz.12.50 -13.00
Hypermic extract, cryst., No. 1, bbls., t.c.l lb. .56 - —
No. 2, bbls., t.c.l lb. .48 - —
liquid, No. 1, bbls., t.c.l lb. .30 - —
No. 2, bbls., t.c.l lb. .25 - —
solid, No. 1 bxs., t.c.l lb. .44 - —
Hyssop herb, bgs lb. .40 - .45
Leaves, bgs. lb. .45 .50

I

Iceland moss, bgs lb. .35 - .40
Ichthammol, NF, dms lb. .60 - .75
Indian red (see Red, Indian).
Indigo, nat., chests lb 2.14 2.16
synth., paste, bots lb .23 —
powd. bbls lb 1.03 —
Indol, CP, bots lb.17.50 -21.00
Inositol, dms., dlvd lb 4.90 —
tins, dlvd lb. 5.00 - —
Insect flowers (see Pyrethrum).
Iodine, crude, kgs lb. 1.52 —
resubl., USP., bots., jars lb 2.30 - 2.41
Iodochlorohydroxyquinolin NF dms lb 5.90 - —
Iocotorm NF dms., kgs lb 4.45 - 4.60
Ionone, alpha, cns lb. 6.10 -14.00
beta, cns. lb 8.65 -10.00
Ipecac root, bgs lb. 5.00 - 5.25
powd., bgs lb. 5.25 - 6.00
Irish moss, bleached, prime, bls lb. .18 - .20
Iron acetate, liquor, 28° bbls., c.l., works lb .09 —
t.c.l., works lb. .09¾ - —
solut., USP IX, cbys lb. .16 - —
dms. lb. .17 —
Cacodylate, NF, bots lb.13.50 -14.50
Chloride (ferric), anhydr., tech., dms., c.l., works 100 lbs 5.75 —
t.c.l., works 100 lbs. 6.50 - 7.50
cryst., tech., c.l., bbls., works 100 lbs. 5.00 6.00
t.c.l., bbls., works 100 lbs. 5.50 8.00
USP, dms., works lb. .07 - .08⅛
solut., 42° Be, 100% basis, tanks, works 100 lbs. 3.45 -
Citrate, gran., dms lb. .77 - .80
Gluconate, NF, dms lb 83 95
Glycerophosphate, N.F., powd. lb. 4.45 - 4.55
Hypophosphite, NF, dms lb. 2.80 —
Iodide, bgs lb. 3.66 - 3.73
Naphthenate, liq., 6% Fe, dms., frt. alld lb .21¼ 21¾
Oxalate, gran., dms lb. .83 - .85
Phosphate, soluble, NF, gran., cs lb. .64 - .65
Pyrophosphate, soluble, NF VII, gran., dms lb. .78 - .91
Reduced (see Iron by hydrogen)
Resinate, 7.4% Fe, dms., frt. alld. lb. .24¼ -

Iron stearate, dms., c.l. lb. .39 - —
ton lots lb. .40 - —
less ton lots lb. .41 - —
Sulphate, partially hydrated, bgs., c.l., works ton 28.50 - —
l.c.l., works ton 29.50 - —
ferrous, tech (see Copperas)
USP cryst. bbls. dms lb. .09½- .10
Iron by hydrogen, nrs lb. .80 .85
Iron-ammonium citrate, green, NF, gran., dms lb. .55 - .58
brown, USP, gran., dms lb. .55 - .58
Oxalate, dms lb. .25½- .28½
Iron-potassium oxalate fine gran., dms. lb. .30½- .33½
Iron-sodium oxalate, fine gran., dms lb. .25½- .28½
Isoborneol, cns. lb. .84 .95
Isobornyl acetate, cns lb. .77 .97
Isobutyl acetate, cns lb. .72 1.25
Methacrylate, dms., works lb. .60 - —
Propionate, cns lb No prices.
Isobutyraldehyde, dms, works lb .50 .53
Isoeugenol, cns lb. 3.50 - 3.55
Isoleucine, dextro-laevo, with as loisoleucine, dms, works lb. 2.00 - 35.00
Isopentane, tms works lb .45 .55
Isophorone, dms., c.l., works lb. .24½- —
l.c.l., works lb. .24½- —
tanks, works lb. .22½- —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., frt. alld lb. .10¾ .11¾
l.c.l., same basis lb. .11½ .12½
tanks, same basis lb. .09 - .10
Alcohol (see Alcohol, isopropyl)
Benzene (see Cumene)
Ether (see Ether, isopropyl)
Isopropylamine (see Monoisopropylamine).
Isoquinoline, dms., c.l., works lb 20 - —
l.c.l., works lb 40 - —

J

Jaborandi leaves, bls. lb. .15 .20
Jalap root, NF, bls lb .43 .45
powd., bbls., bxs lb .48 .50
Resin, NF powd. bxs lb 6.20 6.60
Juniper berries, bgs lb. .10 - .15
Tar, dms. lb. .40 .65

K

Kamala, powd., cns lb. .70 - .80
Kaolin (see China clay)
Kava kava root, bls lb .25 .30
Kerosene, at refinery, Ark., 42-44 specific gravity, w.w., tanks gal. .09 - —
Bayonne, 41-43 s.g., w.w., ta... gal. .096 - —
California, 40-43 s.g. w.w., tanks gal. .116 - .122
Gulf ports, 41-43 s.g. w.w., tanks gal. .0875- .0925
Okla.-Tex 41-43 s.g. w.w., tanks gal. .08875- .0925
Penn., Western, 45 s.g., w.w., tanks gal. .10 - .105
Kola nuts, bgs lb. .09 - .10
Kyanite, imp. low iron content, 10 mesh, whse ton 85.00 -95.00
calcined, grain, 10-mesh, whse ton 95.00 -105.00

L

Lady slipper root, bls lb. 1.45 - 1.50
Lanolin, anhyd., cosmetic, dms., works lb. .31 - .32
pharmaceutical, USP, dms., works lb. .28 - .31
hydrous lb. .27 .29
Lard, cash, trcs., Chicago lb. .15½- —
Larkspur seed, bgs lb .20 .25
Laurel berries, bls lb .25 .26
Leaves, Greek, bls lb. .06 .08½
Turkish, bls. lb. .11 - .11½
Yugoslavian, bls. lb. .08½- .09
Lauryl chloride, dms., works, frt. equald lb. .711 - —
Methacrylate, normal, dms., less than truckload, works lb. 1.00 - —
Lavender flowers, medium, bls lb. .55 - .60
ordinary, bls. lb. .16 - .20
select, bls lb .60 .65
Lead acetate, white, crystals, bbls., lb. .21 - —
gran., bbls. lb. .22 - —
powd., bbls. lb. .22 - —
USP, cryst., dms lb. .26 - —
gran., powd., dms lb. .27 - —
Arsenate, dealers, basic powder, 3-lb. bgs., or larger, c.l., frt. alld. on 96 lbs or over lb. .26½- —
l.c.l., frt. alld lb. .27½- —
1-lb. bgs., c.l., frt. alld. lb. .39½- —
l.c.l., frt. alld. lb. .40½- —
Lead arsenate prices are works or whse. basis frt. alld. on purchases totaling $75.00 or more to dest. East.
Blue, basic sulphate, bbls., c.l., ship't point, frt. alld lb. .16¾- —
l.c.l., works lb. .17¾- —
Carbonate (see Lead, white).
Chloride, dms lb. .39 - —
Iodide, NF V. jars lb 3.30 - —
Linoleate, precip., 26.15%, dms., lb. .34 - —
Metal, pigs, prime, N.Y. lb. .16 - —
St. Louis lb. .1580- —
Metallic paste, dms., 20,000-40,000 lbs., works lb. .32½- —
10,000-20,000 lbs., same basis. lb. .33 - —
2,000-10,000 lbs., same basis. lb. .33½- —
200 to 2,000 lbs., same basis. lb. .34 - —
Prices ex whse., Jersey City, N. J., 4½c. per pound higher.
Naphthenate, liquid, 16% Pb, dms., dlvd lb. .15¼- .16¼
24% Pb, dms., dlvd lb. .20¾- .22
37% Pb, dms., dlvd lb. .27¼- .28¾
Nitrate, bbls., c.l. lb. .20 - —
l.c.l. lb. .20¼- —
Oleate, tused, bbls lb. .24 - —
Orthosilicate gel, 50% PbO, dms., works lb. .31¾- —
60% PbO, dms., works lb. .30¼- —
Peroxide, powd., tech., bbls lb. .40 - .41
Phthalate, dibasic, dms., works. lb. .40½- —
Red, 95% Pb_3O_4, or less, bbls., c.l. ship't point frt. alld. lb. .18¾- —
l.c.l., same basis lb. .19¾- —
97% Pb_3O_4, bbls., c.l., same basis lb. .19 - —
l.c.l., same basis lb. .20 - —
98% Pb_3O_4, bbls., c.l., same basis lb. .19¼- —
l.c.l., same basis lb. .20¼- —
Resinate, precip., dms., dlvd lb. .27 - —
Salicylate, normal, dms., works lb. .43½- —
Silicate, bgs., l.c.l., ship't pt., frt. alld lb. .1805- .1875
Stearate, dibasic, dms., works lb. .53 - —
precip., bbls., c.l. lb. .39 - —
ton lots lb. .40 - —
less ton lots lb. .41 - —
Sulphate (see Lead, blue; Lead, white, basic sulphate)
tribasic, dms., works lb. .27½- —

Lime, chemical (quicklime) lump, pebble, bulk, Longview, Ala. ton. 9.75 - —
Martinsburg, W Va ton. 10.00 - —
Menominee, Mich ton 8.00 - —
Mitchell, Ind. ton 7.50 - —
Rockland, Maine ton 9.00 - —
Scioto, Ohio ton 7.50 - —
Sherwood, Tenn ton. 10.00 - —
Sherwood, Wis ton 8.50 - —
Woodville, Ohio ton 9.50 - —
York, Pa ton 10.50 - —
Hydrated, paper bgs., Adams, Mass ton. 11.50 - —
Annville, Pa ton 13.50 - —
Bellefonte, Pa ton 13.50 - —
Buffalo, N Y ton. 13.50 - —
Carey, Ohio ton 9.00 - —
Cedar Hollow, Pa ton. 13.50 - —
Engle, W Va. ton. 13.00 - —
Farnams, Mass ton 14.00 - —
Gibsonburg, Ohio ton. 9.50 - —
Hannibal, Mo ton 9.50 - —
Keystone, Ala ton. 13.00 - —
Knoxville, Tenn ton. 12.25 - —
Limedale, Ark ton 10.50 - —
Longview, Ala ton 13.00 - —
Manistique, Mich ton 9.50 - —
Marblehead, Ohio ton. 10.50 - —
Mitchell, Ind. ton 10.00 - —
Petoskey, Mich ton 10.00 - —
Port Island, Mich ton 9.00 - —
Rapid City, S Dak. ton 12.00 - —
Rockland, Maine ton 9.00 - —
Scioto, Ohio ton 9.00 - —
Sherwood, Tenn. ton. 13.00 - —
Sherwood, Wis ton 10.00 - —
Springfield, Mo. ton 9.00 - —
Woodsville, Ohio ton 8.50 - —
York, Pa ton. 13.50 - —

Lime, spray, paper bgs., Adams, Mass. ton. 11.70 - —
Annville, Pa ton 13.50 - —
Bellefonte, Pa ton 13.50 - —
Carey, Ohio ton 11.00 - —
Engle, W Va ton 13.00 - —
Farnams, Mass. ton. 14.00 - —
Gibsonburg, Ohio ton 10.00 - —
Marblehead, Ohio ton 10.00 - —
Rockland, Me ton 10.00 - —
Scioto, Ohio ton 10.00 - —
Woodville, Ohio ton 10.00 - —
York, Pa ton. 13.50 - —
Lime salts (see Calcium)
Lime ammonia nitrogen 20.5% N (see Ammonium nitrate-limestone)
Limestone, grd, bgs, works ton 3.50 4.00
Linalool, ex bois de rose, cns. lb. 5.40 - 5.90
ex lignaloe wood, cns. lb. 6.50 - 7.10
Linalyl acetate, 90-92% bots lb 5.50 6.00
96-98%, bots. lb 6.35 7.25
ex petitgrain, bots lb 4.25 6.00
Lindane, 25%, dms, works lb 3.00 3.05
dms, works lb 2.95 -
Linden flowers with leaves, bls lb. .23 - .28
without leaves, bls lb .22 .28
Linseed meal, expeller, 34% bulk, Midwest mills ton. 58.50 -59.00
extracted, 34%, same basis ton. 57.50 -58.00
Litharge, comm'l, powd, bbls, c.l. ship't point, frt. alld lb. .17¾- —
l.c.l., same basis lb. .18¾- —
Lithium benzoate, dms lb. 1.67 —
Bromide, NF, bbls., works, frt. equald lb. 2.00 2.25
Carbonate, NF, bbls., kgs lb. 1.05 1.15
Chloride, cryst., dms lb. .93 —

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For use in the manufacture of phthalic alkyd resins, chemical plasticizers (phthalate esters), vat dyes and phthalocyanine pigments.

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For use in the manufacture of alkyd-type resins, pharmaceuticals, rubber and surface acting agents. A highly reactive industrial chemical—its reactivity is due to its double bond and the two available acid groups.

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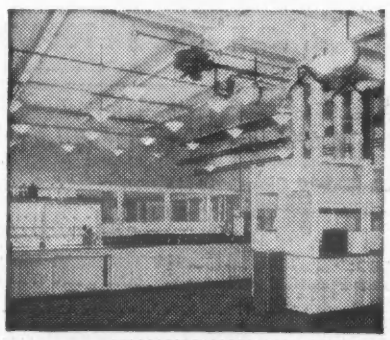
Lithium Citrate—Methyl Chloride

Lithium citrate, NF, bbls., dms., kgs lb. 1.05 - 1.40
Fluoride, bbls lb. 1.80 - 2.00
Hydride, dms., works lb. 14.00 -18.50
Hydroxide, monohydrate, dms lb. .90 - 1.25
Salicylate, dms lb. 1.62 - 1.70
Lithopone, ordinary, bgs., c.l., dlvd. lb. .06½- .07
l.c.l., dlvd lb. .07¼- .08
Titanated (high-strength), bgs., c.l., dlvd lb. .08 - —
l.c.l., dlvd lb. .09 - —
Lithopone prices, Pacific Coast, 1c. per lb. higher.
Liverwort leaves, bls lb. .70 - .75
Lobelia herb, bls lb. .55 - .56
leaves, NF lb. .90 - .95
Lobeline sulphate, bots., works oz. 34.00 -38.00
Logwood extract, crystals, No. 1, bbls., l.c.l. lb. .38½- —
No. 2, bbls., l.c.l. lb. .36½- —
liquid, No. 1, bbls., l.c.l. lb. .18½- —
No. 2, bbls., l.c.l. lb. .17½ - —
No. 3, bbls., l.c.l. lb. .17 - —
No. 4, bbls., l.c.l. lb. .16½- —
solid, No. 1, bxs., l.c.l. lb. .33 - —
No. 2, bxs., l.c.l. lb. .31 - —
No. 3, bxs., l.c.l. lb. .28½- —
No. 4, bxs., l.c.l. lb. .28 - —
No. 5, bxs., l.c.l. lb. .26½- —
No. 6, bxs., l.c.l. lb. 44½- .49¼
Lovage root, imported, bls lb. .75 - .80
Lupulin, tins lb 1.95 2.00
Lycopodium, cs lb. 1.35 - 1.50
Lysine hydrochloride, dextro-laevo, bots. kilo. 145.00 -149.00

M

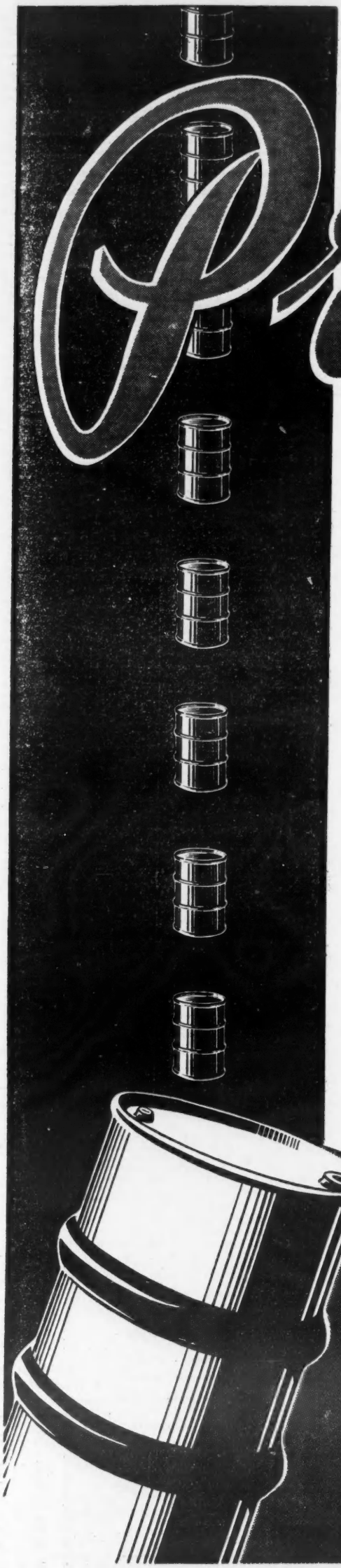
Mace, Amboyna, bls lb. No prices.
Banda, No. 1, bls., afloat lb. 1.78 - 1.79
Siauw, No. 1, bls., afloat lb. 1.55 - 1.60
West Indian, bls lb. 1.45 - 1.50
broken, bls lb. 1.35 - 1.40
Madder Dutch, bgs lb. .29 - .33
Magnesia, calcined, tech., ctns., works lb. .32 - .34¼
synth., rubber grade, ctns., works lb. .31 - —
USP, light ctns lb. .34 - —
heavy, bbls lb. .36 - —
Magnesium arsenate, bgs., cans, works lb. .20 - .30
Bromide, jars lb. .90 - 1.00
Carbonate, tech., bgs., c.l., frt. equald lb. .09½- —
l.c.l., frt. alld lb. .10½- —
bbls., c.l., frt. equald lb. .10¾- —
l.c.l., frt. alld lb. .11¾- —
kgs., c.l., frt. equald lb. .12 - —
l.c.l., frt. alld lb. .13 - —
USP, bgs., c.l., frt. equald lb. .11¼- —
l.c.l., frt. alld lb. .12¼- —
bbls., c.l., frt. equald lb. .11¾- —
l.c.l., frt. alld lb. .12¾- —
kgs., c.l., frt. equald lb. .13 - —
l.c.l., frt. alld lb. .14 - —
Magnesium carbonate is quoted frt. alld. to N. J. except to Atlantic, Burlington, Cape May, Cumberland, Gloustershire, Ocean and Salem counties, and to Phila. county, Pa. Frt. equald. with N. Y. C. on all other destinations.
Chloride, anhyd., dms., works lb. .12¼- —
flake, bbls., c.l., works ton. 45.00 - —
l.c.l., works ton. 49.00 -51.00
Magnesium gluconate, dms., cns. lb. 1.88 - 1.93
Glycerophosphate, dms., works lb. 5.10 - 5.20
Hydroxide, NF, medicinal, bbls., dms., kgs lb. .29 - .30
Hypophosphite, dms lb. 1.60 - —
Laurate, bbls lb. .46 - .47
Metal, 99.8% ingots, cs., works lb. .22¼- —
sticks, cs., works, frt. alld. on c.l. basis lb. .39 - —
Oleate, fused, bbls lb. .31 - —
Oxide (see Magnesia, calcined)
Peroxide, 15%, dms., works lb. 1.00 - 1.05
Phosphate, tribasic, NF, bbls lb. .75 - —
Silicate (see Talc).
Silicofluoride, bbls., works lb. .09 - .10
Stearate, ctns., c.l. lb. .40 - —
smaller lots lb. .41 - .42
Sulphate (see Epsom salt).
Trisilicate, USP, dms., 1,000-lb. lots lb. .43 - —
100-lb. lots lb. .50 - —
Magnesite, chemical grade, bgs., c.l., mines, Calif. ton. 67.50 - —
dead-burnt, bulk, c.l., standard grain, Chewalah, Wash. ton. 33.00 - —
Maleic anhydride, dms., c.l., dlvd., lb. .30 - .35
l.c.l., dlvd. lb. .31 - .36
Prices on maleic anhydride West of Rockies 1½c. higher.
Malva flowers, black, bls lb. 1.00 - 1.20
Blue, bls. lb. .95 - 1.10
Leaves, bls lb. .38 - .40
Mandrake root, bls lb. .40 - .43
Manganese acetate, bbls. lb. .32 - —
Arsenate, bgs lb. .12 - .12½
Borate, tech., bbls lb. .23 - —
Carbonate, bbls., works lb. .21 - —
Chloride, anhyd., dms works lb. .20 - .22
Dioxide, African, battery, 84-87%, bgs., 100 tons, works ton. 78.00 - —
smaller lots, works ton. 84.00 -94.00
Manganese gluconate, dms., cns. lb. 1.86 - 1.93
Glycerophosphate, NF, fib. dms. lb. 4.25 - 4.45
Hydrate, bbls., works lb. .34 - —
Hypophosphite, NF, dms lb. 2.00 - —
Linoleate, liquid, 4.35% Mn., dms. lb. .30½- —
solid, precip., 8.2% Mn., bbls lb. .33½- —
Metal, cs., dlvd. East lb. .30 - .32
Naphthenate, liquid, 6% Mn., dms., frt. alld. lb. .22¾- .23½
Oleate, precip., bbls lb. .33½- —
Resinate, fused, 3½% Mn., dms. lb. .20½- —
precip., dms lz. .22½- —
Stearate, ctns., c.l. lb. .40 - —
smaller lots lb. .41 - .42
Sulphate, fertilizer grade, 65%, bgs., c.l., dlvd. S. E. ton. 66.00 - —
l.c.l., dlvd. S. E. ton. 73.00 - —
feed grade, 80%, bgs., dlvd., S. E. lb. .05¼- .07
75%, bgs., c.l., dlvd. S. E. ton. 76.00 - —
l.c.l., dlvd. S. E. ton. 83.00 - —
Tallate, 6%, dms lb. .20¾- —
Mangrove bark, S. Africa, 38% tan nin, c.l., ex dock ton. No stocks.
So. American, 30-32% tannin, c.l., ex dock ton. 52.50 -53.00
Manna, flake, large, cs lb. 1.10 - 1.35
small, cs lb. .85 - 1.00
Mannitol, com'l, dms., works lb. .40 - .43
reagent, 50-lb. dms., works lb. .85 - —
Marjoram, Argentine, bls lb. .14 Nom.
Bohemian, bls lb. .34 - .34½
Chilean, bls., shipment lb. .34 - .35
French, bls., afloat lb. .45 - .46
Peruvian, bls lb. .34 - .35
Matico leaves, bls lb. .25 - .33
Melamine, bgs., ton lots, works lb. .33 - —
500 lbs. or more, works lb. .33½- —
less 500 lbs., works lb. .38½- —
Menadione, USP, bots gram .06½- —
Menthol, natural, USP, bots lb. 13.50 -14.00
synthetic, USP, racemic, cns lb. 7.25 Nom.
Menthyl salicylate, tins lb. 4.00 - 4.25
Mercaptobenzo thiazole, bgs., fib. dms., ton lots, works, frt. alld lb. .30 - —
less ton lots, same basis lb. .32 - —
Mercaptobenzothiazyldisulphide bgs., fib. dms., ton lots, works, frt. alld lb. .38 - —
less ton lots, same basis lb. .40 - —
Mercury, ammoniated (see White precipitate).
Bichloride (see Corrosive sublimate)
Bisulphate, dms. lb. 2.13 - 2.15
Chloride (see Calomel).
Cyanide, NF, cryst., powd., fib. dms lb. 3.27 - 3.32
Iodide, red, NF, dms lb. 4.07 - —
yellow, NF, fib. dms lb. 4.22 - —
Metal (see Quicksilver)
Oxide, red, NF (see Red precipitate).
yellow, tech. (see Yellow mercury oxide)
USP, fib. dms. lb. 2.44 - 2.46
Mesityl oxide, dms., c.l., dlvd. lb. .13¼- —
l.c.l., dlvd. lb. .14 - —
tanks, dlvd lb. .11½- —
Metaldehyde, dms., works lb. .78 - 1.00
Metachloranilin, dms., works lb. .75 - —
Metacresol, 98%, dms., c.l., works lb. .65 - —
l.c.l., works lb. .66 - —
Metanitroanilin, dms., frt. alld. lb. .97 - —
Metaparaisopropylphenol, dms., c.l. lb. .21 - —
l.c.l. lb. .22 - —
tanks lb. .20 - —
Metanitroparatoluidin, bbls. lb. 1.44 - —
Metaphenylenediamine, kgs., frt. alld. lb. .84 - —
Metatoluidine, bbls., c.l., works, frt. alld. lb. .78 - —
l.c.l., same basis lb. .80 - —
tankcars, same basis lb. .76 - —
Metatolylenediamine, kgs., frt. alld. lb. .80 - —
Methanol, natural, denaturing grade, dms., c.l., frt. alld. gal. .79 - —
l.c.l., frt. alld. gal. .80 - —
tanks, frt. alld. lb. .68 - —
Prices on natural methanol W. of Miss. 3c. higher
synthetic, zone 1, dms., c.l., frt. alld. gal. .41 - —
l.c.l., frt. alld. gal. .46 - —
tanks, frt. alld gal. .29 - —
zone 2, dms., c.l., frt. alld. gal. .46½- —
l.c.l., ex whse. gal. .51 - —
tanks, frt. alld. gal. .32½- —
Synthetic methanol zones are: Zone 1 is all continental U. S., E of eastern boundaries of Ariz., Idaho, Mont., and Utah. Zone 2 is remainder of the U. S., west of above state boundaries, comprising Ariz., Calif., Idaho, Mont., Nev., Ore., Utah and Wash.
Methenamine (see Hexamethylenetetramine).
Methionine, dextro-laevo, fib. dms., frt. alld., 50-lb. or more lb. 4.55 - —
feed grade, 98%, same basis. lb. 3.00 - —
97%, same basis lb. 2.97 - —
Methoxychlor, 50% sol., dealers, dms., cs., works lb. .65 - —
Methyl abietate, non-ret. dms., c.l., dlvd., zone 1 lb. .17 - —
l.c.l., same basis lb. .17½- —
hydrogenated, non-ret. dms., c.l., dlvd., zone 1 lb. .17¼- —
l.c.l., same basis lb. .17¾- —
Zone 1 includes New England and Middle Atlantic states, Va., W. Va., N. C., Ohio, Ky., Mich., Ind., Ill., Wis., St. Paul and Minneapolis, Minn., St. Louis, Mo., Miss., Ala., Ga., Fla., S. C. and Tenn.
Acetoacetate, dms., c.l., dlvd. lb. .53 - —
l.c.l., dlvd. lb. .54 - —
tanks, dlvd. lb. .51½- —
Methyl acetoacetate prices frt. alld. W., ½c. higher.
Acetone, natural, group A, dms., extra, c.l., E. of Miss., frt. alld. lb. .60 - —
l.c.l., same basis gal. 71 - —
Natural methyl acetone group A prices W. of Miss. 3c. per gal. higher.
Group B dms., incl., E. Miss., frt. alld., any quantity gal. .50 - —
synthetic, dms., c.l., works, frt. alld. E gal. .53 - —
frt. alld. W gal. .57 - —
l.c.l., works, frt. alld. E gal. .56½- —
frt. alld. W gal. .60½- —
tanks, works, frt. alld. E gal. .43½- —
frt. alld. W gal. .47 - —
Methyl acetone, synth., East territory is all States East of and including Colo., Mont., N. Mex. and Wyo. West territory, all States West of those four.
Acrylate, dms., c.l., and truckload, works lb. .50 - —
less than truckload, works lb. .50½- —
Alcohol (see Methanol)
Anthranilate, cns., 100 lbs. or more lb. 2.25 - 2.30
extra cns. lb. 4.00 - 4.40
Benzoate, cns lb. .55 - 1.20
Bromide, dealers, cns lb. .69 - .71
cyls. lb. .60 .73
Chloride, indust., cyl., works lb. .18 - —
tanks, multi-unit, works lb. .13½- —
single-unit works lb. .11 - —
refrigerator mfrs., cyls., dlvd. lb. .39 - .43
other consumers or service men, cyls., dlvd. lb. .49 - —

★ Large Capacity
★ Latest engineered process equipment



Harshaw's new Drier plant utilizes the most modern drier producing equipment which is designed and engineered entirely by Harshaw's experienced personnel. Located on a 22-acre tract which fronts on the Delaware River at Gloucester City, New Jersey, this modern plant is ideally located for shipments by land or sea. The fine, large buildings, the automatic equipment, the alert personnel have all been chosen for the efficient production of good driers in large quantities . . . driers that you can depend on to be uniform . . . driers that will be of the same fine quality every time you receive a new shipment.

THE HARSHAW CHEMICAL CO.
1945 East 97th Street, Cleveland 6, Ohio
BRANCHES IN PRINCIPAL CITIES



Prevent . . .

—a—

STEEL DRUM SHORTAGE!

YOU can help

As a Steel Drum user you can keep prices down and prevent a shortage by putting your drums on a **RETURNABLE BASIS.** This will serve a two-fold purpose:

1. Stop accumulation of drums by Speculators.
2. Aid your Reconditioner, so that he is not dependent on Speculators for drums which he must sell to you at high prices.

WE can help

As a Steel Drum Reconditioner we can be of service by giving longer life to your steel drums. Our modern processing equipment will now make suitable for re-use drums which formerly had to be scrapped.

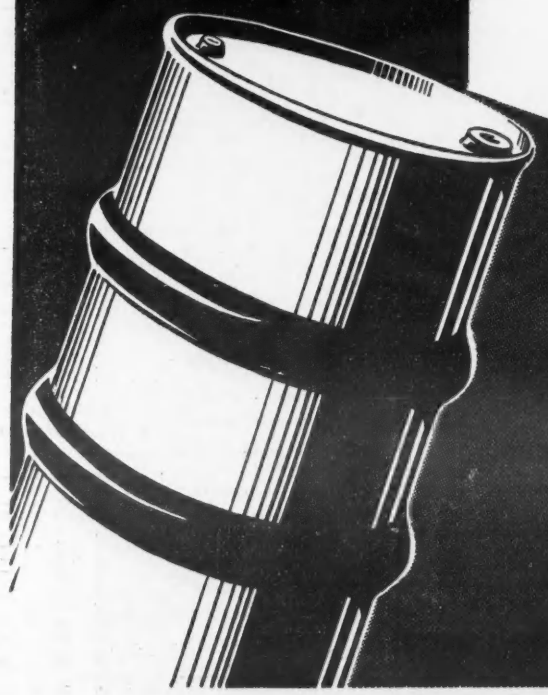
TOGETHER we can do the job!

Our organization is set up to handle for you ALL details pertaining to **RETURNABLE DRUMS,** including storage. We have facilities for Reconditioning all types of drums. We are specialists in the application of various linings for Food and Chemical products.

- ***THERE IS NO NEED to PAY PREMIUM PRICES for DRUMS***
- ***MAKE YOUR DRUMS RETURNABLE TO YOU THRU US***

ACME STEEL DRUM COMPANY
Newark, N. J.

NEWARK STEEL DRUM COMPANY
Linden, N. J.



WILL the SHORTAGE SHADOW fall across 1951?

Methyl Cinnamate—Nitrocellulose, Ester Soluble

Methyl cinnamate, cns.....lb. 1.43 - 1.75
Cyclohexanol, dms., c.l., works..
lb. .28½- —
l.c.l., works.....lb. .30 - —
tanks, works.....lb. .27 - —
Formate, refd., dms.....lb. .35 - .40
tech., non-ret. dms., any quantity, works lb. .09 - —
tanks, works.....lb. .07 - —
Iodide, bots., works.....lb. 3.65 - 4.75
cbys., works.....lb. 2.80 - 3.00
Lactate, dms., l.c.l., works....lb. .35 - —
Methacrylate, dms., c.l. and truckload, works lb. .44½- —
less than truckload, works lb. .45 - —
Parahydroxybenzoate, USP, bots.
lb. 2.10 - 2.20
fib. dms.....lb. 1.90 - 2.00
Roseaniiin chloride, USP, bots..
lb. 5.17 - 5.27
Salicylate, USP, dms., 500 lbs..lb. .45 - —
cans, 50 lbs.....lb. .50 - —
Testosterone, USP, 100 gms...gm. 3.50 - —
Methylheptin carbonate, bots....lb.35.00 -40.00
Methylal, refined, 95%, dms., c.l., works. lb. .11 - —
l.c.l., works .....lb. .12 - —
tanks, works .....lb. .09 - —
Methylamyl acetate, dms., c.l., dlvd.
lb. .15¼- —
l.c.l., dlvd.....lb. .16¼- —
tanks, dlvd.....lb. .13½- —
Ketone, dms., works.....lb. 1.05 - —
Methylcellulose, special vis., 4,000 cps.), fib. ctns., c.l., works, lb. .68 - —
2,000 lbs. and more, same basis lb. .70 - —
smaller lots, frt. alld. on 100 lbs..lb. .75 - .87
Methylcellulose, standard vis., (15-1,500 cps.), fib. ctns., c.l., frt. alld..lb. .61 - —
2,000 lbs. and more, same basis lb. .63 - —
smaller lots, frt. alld. on 100 lbs. lb. .68 - .70
Methylene blue, 100-lb. lots, kgs., frt. adjusted..lb. 2.87 - —
smaller lots, kgs., same basis.
lb. 3.02 3.22
Chloride indust. dms., c.l., dlvd. E..lb. .12 -
l.c.l., dlvd. E.....lb. .13½- —
tanks, dlvd. E .....lb. .11½- —
Methylethyl ketone, dms., c.l., dlvd.
lb. .10¾- .11¾
l.c.l., dlvd.....lb. .11½- .12⅛
tanks, dlvd.....lb. .09 - .10
Methylionone, A, cns.....lb. 6.55 - 8.80
D, cns .....lb. 7.50 - 9.55
prime, cns.....lb. 4.55 - 6.40
Methylisobutyl carbinol (see Carbinol, methylisobutyl).
Ketone, dms., c.l., dlvd.....lb. .13⅜- —
l.c.l., dlvd. .....lb. .14½- —
tanks, dlvd. .....lb. .12 - —
Methylnapthyl ketone, cns.....lb. 3.00 - 3.75
Methylparaben (see Methyl parahydroxybenzoate).
Methylpentanediol (see Hexyleneglycol)
Methylphenylpyrazolone, 250-lb. dms., dlvd..lb. 1.51 - —
less than 250 lbs., dms., dlvd..lb. 1.71 - —
Methylthionine chloride (see Methylene blue).
Mica, dry-grd., paint, plastic, 100 mesh, bgs., c.l., works lb. .03¾- —
roofing, 20 to 80 mesh, works.lb. .03⅜- —
wet-grd., biotite, bgs., c.l., works, frt. alld., E lb. .05¾- —
l.c.l., ex whse., or frt. alld. E .lb. .06½- —
Mica, wet-grd., extra fine, bgs., c.l., works, frt. alld., E..lb. .05¾- —
l.c.l., ex whse. or frt. alld. E lb. .06½- —
paint or lacq., bgs., c.l., works, frt. alld., E..lb. .07¼- —
l.c.l., ex whse. or frt. alld. E. lb. .08 - —
Mica, wet grd., rubber, bgs., c.l., works, frt. alld. E..lb. .07 - —
l.c.l., ex whse. or frt. alld. E lb. .07¾- —
wallpaper, bgs., c.l., works, frt. alld. E..lb. .07¼- —
l.c.l., ex whse. or frt. alld. E lb. .08 - —
white, extra, fine, bgs., c.l., works, frt. alld. E..lb. .07½- —
l.c.l., ex whse. or frt. alld. E lb. .08 - —
Mica, wet-grd., W. of Miss. R., ½c. higher, W. of Rockies, 1c. higher
Milk powder, skimmed, roller, bbls., c.l lb. .10½- .10⅝
spray, bbls., c.l.....lb. .12¼- .12¾
Whole, roller, bbls., c.l.....lb. .28 - .33
spray, bbls., c.l. .....lb. .28½- .35½
Sugar, crude, bgs., c.l., works lb. .16 - —
edible, bbls., works, 30,000-lb. lots lb. .22 - —
2,000-lb. lots .....lb. .22¾- —
200-1,800-lb. lots.....lb. .23¼- —
USP, bbls., works, 30,000-lb. lots lb. .26 - —
2,000-lb. lots .....lb. .26¾- —
200-1,800-lb. lots.....lb. .27¼- —
Mineral spirits (see Petroleum, mineral spirits).
Molasses, blackstrap, tanks.....gal. .15 Nom.
New Orleans, tanks.....gal. .15 Nom.
Molybdate orange (see Orange molybdate).
Molybdenum metal, 99% Mo., powd., kgs. lb. 2.60 - 3.00
Trioxide, pure, kgs., works, basis Mo. content..lb. .95 - —
technical, kgs., works, basis Mo. content lb. .80 - —
Monochlorobenzene, dms., c.l., frt. alld., or dlvd..lb. .09½- —
l.c.l., same basis.....lb. .10½- —
tanks, same basis.....lb. .08 - —
Monochlorobenzene prices in the West, 1¼c. higher.
Monoethanolamine, dms., c.l., frt. alld. E..lb. .28¼- —
l.c.l., same basis.....lb. .29¼- —
tanks, same basis.....lb. .26½- —
Monoethylalphanaphthylamine, dms., works. lb. .88 - —
Monoethylamine, dms., c.l., frt. alld. E., basis 100%..lb. .21¾- —
l.c.l., same basis.....lb. .22¾- —
tanks, same basis .....lb. .20 - —
Monoethylorthotoluidine, bbls....lb. .80 - —
Monoisopropylamine, dms., c.l., frt. alld. E..lb. .26¼- —
l.c.l., same basis.....lb. .27¼- —
tanks, same basis.....lb. .24¼- —
Monomethylamine, 25%-40%, dms., c.l., works, basis 100%. lb. .35 - —
l.c.l., same basis.....lb. .35½- .36
tanks, same basis .....lb. .31 - —
Monononylnaphthalene, dms., c.l., works lb. .14 - —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Monosodium fluoroacetate (see Sodium fluoroacetate monobasic).
Monosodium glutamate (see Sodium glutamate, monobasic).
Phosphate (see Sodium phosphate, monobasic).
Monotertiarybutylmetacresol, dms., c.l., works lb. .50 - —
l.c.l., works.....lb. .51 - —
tanks, works.....lb. .49 - —
Morphine, cns. .....oz.12.40 -12.60
Acetate, cns. .....oz. 9.85 - 9.90
Hydrobromide, cns. .....oz. 9.80 - 9.90
Hydrochloride, NF, cns.....oz. 9.90 10.00
Sulphate, USP, cns .....oz. 9.90 -10.00
Morpholine, dms., c.l., works....lb. .60½- —
l.c.l., works .....lb. 61 - —
tanks, works .....lb. .59 - —
Mountain ash berries, bgs.....lb. 65 - .75
Mullein flowers, cs.....lb. 1.15 - 1.20
Leaves, bls. .....lb. .21 - .25
Musk, natural, Tonquin, grains, bots. oz.25.00 -30.00
synthetic—Ambrette, 100 lbs., fib. dms..lb. 5.40 - —
25 lbs., cns.....lb. 5.50 - —
5 lbs., cns.....lb. 5.65 - —
Ketone, 100 lbs., fib. dms.....lb. 4.95 - —
25 lbs., cns.....lb. 5.05 - —
5 lbs., cns.....lb. 5.20 - —
Xylol, 100 lbs., fib. dms.....lb. 1.40 - —
25 lbs., cns.....lb. 1.45 - —
5 lbs., cns.....lb. 1.55 - —
Musk root, bls.....lb. No prices.
Mustard seed, Calif., brown, bgs., f.o.b. source..lb. .0935- .0950
Dutch yellow, bgs., futures..lb. .14 - .14½
English, yellow, bgs.....lb. .15 - .15½
Montana, brown, Sept.-Oct., bgs., source..lb. .05 Nom.
Oriental, Sept.-Oct., bgs., source..lb. .05 Nom.
yellow, Sept, Oct., bgs. source..lb. .08½ Nom.
Washington, yellow, source, bgs. lb. .11 - .11½
Myrobalans, J1, assorted, bgs., ex dock..ton.46.00 -48.00
crushed, bgs., ex dock.....ton.72.00 - —
J2, bgs., ex dock.....ton.38.00 - —

N

Naphtha, painters (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, dom., crude, 74°, tanks, frt. alld..lb. .0425- .0525
dms., c.l., same basis....lb. .0535- .0665
l.c.l., same basis.....lb. .0560- —
tanks, same basis.....lb. .0475- .0575
78°, refined, industrial, bbls., c.l., frt. equald..lb. .09 - .10¼
bgs., c.l., same basis....lb. .08½- .09¾
tanks, same basis .....lb. .08 - .09¼
balls, flakes, wholesalers, jobbers, bbls., c.l., same basis lb. .11 - —
cs., 50 lbs., c.l., same basis lb. .11¼- —
1-lb. pkgs., c.l., same basis lb. .14 - —
imported, crude, 78°, 100-ton lots lb. .03¾- .04
refined, 30,000-lb. lots.....lb. .09⅛- —
smaller lots.....lb. .09¼- .10⅛
Neocinchophen, USP, dms., frt. adjusted lb. 7.00 - 7.35
Nephelin syenite, glass, 24 mesh, bulk, Rochester, N. Y ton.14.25 - —
pottery, 200 mesh, bulk, Rochester, N. Y ton.18.25 - —
Nephelin syenite in bgs., $3 per ton higher than bulk.
Nerolin, cns. .....lb. 2.05 - 2.25
Niacin (see Acid, nicotinic).
Niacinamide (see Nicotinamide).
Nickel acetate, bbls., dlvd.....lb. .56½- —
Carbonate, bbls., dlvd.....lb. .64½- —
Chloride, bbls., dlvd.....lb. .31 - —
Cyanide, bots., dms.....lb. 1.75 - 2.00
Formate, bbls., ton lots, frt. alld. lb. .54¾- —
Metal, electro cathodes, cs....lb. .48 - —
Nitrate, bbls., works.....lb. .29¾- —
Oxide, black, bbls .....lb. .42 - —
Sulphate, bgs., c.l., dlvd.....lb. .23½- —
l.c.l., dlvd.....lb. .24 - —
Nicotinamide, USP, dms., frt. adjusted kilo 11.00 -11.30
Hydrochloride, dms., frt adjusted kilo.10.50 -10.80
Nicotine sulphate, 40%, 50-lb. dms., dealers, frt. alld. over 70 lbs., dm.49.40 - —
tins, 10 lbs. dealers, frt. alld. on cases of 6 tin.10.85 - —
Nikethamide, bots., cbys.....lb. 5.60 - 5.75
Nitrobenzene, dbl. dist., dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt. alld.....lb. .11 - —
tanks, frt. alld.....lb. .09 - —
Nitrocellulose, ester soluble, 30-35 cps., ¼, ½, ¾, 5-6, 15-20, 30-40, 60-80, 125-175, secs., bbls., c.l., works. lb. .28 - —
l.c.l., same basis.....lb. .29 - .31
18-25 cps., c.l.....lb. .30 - —
l.c.l., same basis.....lb. .31 - .33
250-400, 600-1,000 secs. c.l., same basis lb. .32 - —
l.c.l., same basis.....lb. .33 - .35

3 GOOD REASONS WHY IT ALWAYS PAYS TO USE JAVONELLA

- It's a manufactured article . . . free from the price fluctuations of natural essential oils such as Citronella, Sassafras, etc.
- Its high quality never varies, enabling you to manufacture uniformly dependable products.
- Always lower in cost than the natural oils, particularly now with citronella prices on the rise, its use results in production economies and higher profits without lowering quality standards.

WRITE FOR SAMPLE AND QUOTATION

AROMATICS • PERFUME BASES • ESSENTIAL OILS

FELTON CHEMICAL COMPANY, INC.
599 Johnson Ave., Brooklyn 6, N. Y.

ATLANTA • BOSTON • BROOKLYN • CHICAGO • DALLAS
DENVER • LOS ANGELES • PHILADELPHIA • SALT LAKE CITY
SANDUSKY • SAN FRANCISCO • ST. LOUIS • TOLEDO
MONTREAL • PARIS • TORONTO • VANCOUVER • WINNIPEG

Nitrocellulose, spirit soluble, 30-35 cps., ¼, ½ sec., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .36 - .38
8-6, 40-60 secs., c.l., same basis. lb. .34 - —
l.c.l., same basis.....lb. .35 - .37

Denatured alcohol used in the manufacture of nitrocellulose is charged extra. Drums extra, but returnable.

Nitroethane, dms., divd., E. of Rockies. lb. .25 - —
Nitrogen solution tanks, work., N. ton.115.00 - —
Nitrogenous process tankage, bulk, works, ammo., ship't unit-ton. 3.90 - 4.00
Sewage sludge, bulk, works, unit ton. 3.25 + .40
Nitromethane, dms., l.c.l., divd. E. of Rockies..lb. .25 - —
Nitropropane, 1, dms., divd., E. of Rockies. lb. .23¼- —
2, dms., divd., E. of Rockies...lb. .25 - —
Nonylphenol, dms., c.l., works..lb. .28½- —
l.c.l., works.....lb. .29½- —
tanks, works.....lb. .27½- —
Nutgalls, Aleppo, bgs .....lb. .38 - —
Chinese, bgs .....lb. .32 - —
Istrian, bgs .....lb. .31 - —
Nutmeg, East Indian, whole, 110's, cs..lb. .70 - .71
shipment, bgs.....lb. .68 - .70
West Indian, bgs.....lb. .47 - .50
futures .....lb. .49 - .50
Nux vomica, bls. .....lb. .10 - .12
powdered, bbls., bxs .....lb. .13 - .14

O

Oakbark extract, 25% tannin, bbls., c.l., works lb. No stocks
Octane, 100°-140° C, industrial grade, group 3, dms., c.l gal. .19 - —
l.c.l .....gal. .21 - .60
tanks .....gal. .15½- —
10°C., bbl Bayonne, N.J., tanks gal. .17 - —
Octanol, normal tech., dms., c.l., divd lb. .34½- —
l.c.l. divd.....lb. .36½- —
tanks, divd .....lb. .32 - —
Octyl methacrylate, normal, dms., less than truckload, works. lb. .83 - —
Oil, abies siberica, cns.....lb. 3.40 - 3.75
Almond, artificial, bitter, (see Benzaldehyde)
natural, bitter, F.P.A., bots lb 3.25 - 5.00
NF, bots .....lb. 3.00 - 3.75
sweet, dms., cns .....lb. .50 - .85
Allspice (see Oil, pimento).
Amyris, dms .....lb. 1.65 - 1.70
Angelica root, bots.....lb.125.00 -155.00
seed, bots.....lb.95.00 -130.00
Anilin (see A)
Anise, USP, Chinese, dms .....lb. 1.35 - 1.65
Apricot kernels, USP, dms....lb. .44 - .60
Avocado, cns., dms .....lb. 1.00 - 1.10
Babassu, crude, tankcars.....lb. .19½- —
Bay, NF, Puerto Rican, 50-55%, cns..lb. 1.25 - 1.50
55-60%, cns.....lb. 1.35 - 1.60
West Indian, 50-55%, cns., dms .lb. 1.07 - 1.55
Bergamot, artif., cns .....lb. 2.50 - 3.75
natural NF, Italian, cns....lb. 5.75 - 7.25
Birchtar, crude, cns.....lb. 1.50 - —
rectified, NF, cns.....lb. 4.60 - —
Bois de rose, Brazil.....lb. 3.50 - 3.90
Mexican (see Oil, lignaloe wood)
Bone, dms., works .....gal. .65 - .70
Cajeput, tech., dms.....lb. 1.85 - 1.95
redistilled, USP, cns.....lb. 2.35 - 4.50
Calamus cns .....lb.20.00 -28.00
Camphor, sassafrassy, dms.....lb. .24 - .60
white, dms .....lb. .20 - .60
Cananga, native, cns.....lb. 4.30 - 5.00
rectified, cns. .....lb. 5.05 - 6.00
Capsicum (see Capsicum oleoresin)
Caraway, NF, cns.....lb. 3.70 - 4.25
Cardamom, NF, bots.....lb.60.00 -68.00
Cassia, USP, cns.....lb. 3.50 - 5.00
Castor, blown, dms., c.l.....lb. .2425- —
dms., l.c.l. .....lb. .2470- —
dehydrated, bodied, dms., c.l lb. .26 - —
l.c.l. .....lb. .2675- —
tanks .....lb. .2475- —
unbodied, dms., c.l.....lb. .2500- —
l.c.l. .....lb. .2550- —
tanks .....lb. .2375- —
hydrogenated, dms., l.c.l.....lb. .2925- —
No. 3, tech., dms., c.l....lb. .22 - —
l.c.l. .....lb. .2250- —
tanks .....lb. .2075- —
sulphonated, 50% (48% fat), dms. lb. .13½- .14
75% (60-62% fat), dms.....lb. .18½- .19
No. 1, Brazilian, tanks.....lb. .18¾ Nom.
No. 1, standard, dms., c.l.....lb. .2225- —
l.c.l. .....lb. .2275- —
tanks .....lb. .21 - —
refined and deodorized, dms., c.l. lb. .2350- —
l.c.l. .....lb. .2425- —
Cedarleaf, dms.....lb. 2.20 - 2.50
Cedarwood, cns.....lb. .40 - .60
dms. .....lb. .35 - .45
Celeryseed, bots.....lb.14.00 -17.50
Chamomile, blue, Hungarian, bots. lb.250.00 -280.00
Chaulmoogra, NF, cns., dms....lb. .55 - .70
Chinawood (see Oil, tung).
Cinnamon bark, USP, bots....lb.30.00 -60.00
Leaf, Ceylon .....lb. 1.30 - 1.50
Citronella, Ceylon, cns.....lb. 1.40 - 1.85
Java, true, cns.....lb. 2.00 - 2.65
Java, type, cns.....lb. 1.90 - 2.25
Clove, USP, from buds, cns., dms. lb. 1.90 - 2.35
Coconut, crude, tanks, Atlantic ports..lb. .18¾- —
Pac. Coast.....lb. .17¾- —
refined, Cochin type, tax incl., dms., l.c.l. lb. .24½- .25
deodorized, tax incl., dms., l.c.l. lb. .26½- .27
Cod, Newfoundland, dms..... lb. .10 Nom.
Codliver, USP, dms .....gal. 1.55 - 1.65
Coriander, USP, bots.....lb.23.50 -30.00
Corn, crude, tanks, works....lb. .18½- —
foots, acid, 95% tanks dlvd. E lb. .07¾- —
raw, 50%, tanks, dlvd., E lb. .03 - —
refined, dms., l.c.l., New York lb. .24½- —
tanks, same basis.....lb. .23 - —
Costus, bots .....oz.21.00 - —
Cottonseed, crude, tanks, Southeast and Valley lb. .17¾ Nom.
foots, acid 95% tanks dlvd. E lb. .06¼- —
raw, 50%, tanks, dlvd. E lb. .03 - —
refined, dms., l.c.l.....lb. .23½- —
tankcars .....lb. .22 - —
Creosote (see Crotonic, coaltar).
Croton, cns .....lb. 4.75 - 5.50
Crude (see Petroleum, crude)
Cubeb, cns. .....lb. 5.75 - 7.50
Cumin, bots. .....lb. 4.50 - —
Cypress, bots. .....lb. No stocks.
Degras (see D).
Dillseed, India, bots .....lb. 6.35 - 7.75
Dillweed, domestic, bots., dms. lb. 4.75 - 5.50
Dip (see D).
Erigeron, cns. .....lb. 5.75 - 6.00
Eucalyptus, rectified, 80-85%, cns. lb. .80 - 1.25
70-75%, cns. .....lb. .70 - .88

Oil, fennel, USP, cns.....lb. 2.30 - 3.25
Fir, Canada, cns.....lb. 1.85 - 2.25
Fishliver, crude, for feeds for concentrating, 6,000 to 12,000 A units per gm., dms., 1,000,000 units. .11 - .11½
15,000 to 20,000 A units, dms. 1,000,000 units. .11 - .12
25,000 to 35,000 A units, dms. 1,000,000 units. .11 - .12
40,000 to 55,000 A units, dms. 1,000,000 units. .12 - .13
Market prices on crude fishliver oil dependent upon conversion factor
prime, natural, or concentrate, 100,000 A units, dms 1,000,000 units. .15 - —
200,000 A units, dms 1,000,000 units. .16 - —
300,000 A units, dms 1,000,000 units. .16 - —
400,000 A units, dms 1,000,000 units. .17 - —
500,000 A units, dms 1,000,000 units. .17 - —
700,000 A units, dms 1,000,000 units. .17 - —
Prices above are based on the USP XIII method of conversion E x 1894.
100,000 A units, dms 1,000,000 units. .16 - —
200,000 A units, dms 1,000,000 units. .17 - —
300,000 A units, dms 1,000,000 units. .17 - —
400,000 A units, dms 1,000,000 units. .18 - —
500,000 A units, dms 1,000,000 units. .18 - —

Oil, fishliver, prime, natural or conc. 700,000 A units, dms.... 1,000,000 units. .18 - —
Prices above are based on the USP XIV method of conversion, Morton-Stubbs Corrected E x 1900.
Fuel (see Petroleum fuel oil).
Fusel (see F)
Garlic, pure, bots .....oz. 7.25 - 8.00
Gaultheria (see Oil, wintergreen)
Geranium, Algerian, cns.....lb.25.00 -32.00
Bourbon, cns. .....lb.29.50 -35.00
Turkish (see Oil, palmarosa)
Ginger, dist., bots .....lb.23.00 -24.00
Grapefruit, dist., bots.....lb. 1.00 - 1.75
Grease, No. 1, dms .....lb. .17½- .18½
extra, Winter, strained, dms lb. .21½- .22½
prime, burning, dms.....lb. .23 - .24
Guaiacwood, cns .....lb. 1.65 - 1.90
Hemlock, cns .....lb. 2.00 - 2.10
Herring, crude, tanks, Pac. coast. lb. No prices.
Juniper berry NF VIII, bots lb. 2.50 - 3.50
twice rectified .....lb. 3.50 - 7.00
Tar, USP (see Juniper tar).
Wood, tech., cns .....lb. .65 - 1.00
Lard (see Oil grease).
Laurel, bots .....lb 9.75 - 12.50
Lavandin, cns .....lb. 2.50 - 2.75
Lavender flower, French, 30-32% ester, cns lb. 2.75 - 4.00
38-42% ester, cns.....lb. 4.75 - 5.75
40-42% ester, cns.....lb. 5.50 - 6.25
Spike, Spanish, cns .....lb. 1.35 - 1.60
Lemon, USP, Calif., cns., dms. lb. 3.85 - 4.25
Messina .....lb. 3.85 - 7.00
terpeneless, bots .....lb.32.00 -65.00
Lemongrass, cns., dms.....lb. 2.50 - 3.25
Lignaloe, Brazilian (see Oil, bois de rose)
wood, Mexican, cns.....lb. 3.60 - 3.85

Oil, lime, distilled, Mexican, cns..lb. 6.00 - 7.00
West Indian, cns .....lb. 6.25 - 7.25
expressed, West Indian, cns lb. 7.25 - 13.75
terpeneless, bot lb 45.00 - 65.00
Linseed, raw, dms, c.l., Zone 3. lb. .1880- —
l.c.l. .....lb. .1940- .1980
tankcars .....lb. .1760- —
tankwagon .....lb. .1790- —
Boiled linseed oil .007 higher than raw
Mace, dist., cns., dms.....lb. 3.50 - 5.50
Mandarin, Floridian, dms .....lb. 1.60 - 1.75
Italian, cns .....lb. 5.50 - 8.50
Menhaden, crude, tanks, Balto lb. .12 - —
refined, alkali, dms.....lb. .1880- —
kettle-bodied, dms.....lb. .1980- —
light-pressed, dms.....lb. .1780- —
tanks .....lb. .16 - —
Mineral, white (see Oil, white, mineral)
Mirbane (see Nitrobenzene)
Mustard seed, expressed, dms lb. .22½- .23¼
synthetic, cns., dms lb 1.40 - 1.70
Neatsfoot, 15°, dms.....lb. .32 - —
20°, dms. .....lb. .30 - —
30°, dms. .....lb. .26 - —
Neroli, NF, French, bots.....oz.125.00 - 195.00
Haitian bots .....lb.85.00 - 90.00
Niaouli, cns .....lb. 2.15 - 2.75
Nutmeg, USP, dist., East Indian, cns., dms. lb. 3.50 - 4.25
West Indian, cns., dms. lb. 3.45 - 3.60
Ocotea cymbarum, dms .....lb. .68 - .90
Oiticica, liquid, drums.....lb. .21½- .22
tankcars .....lb. .20½- —
Oleo, extra, dms.....lb. .19½ Nom.
Olibanum, bots .....lb. 5.25 - 7.65
extra fine, bots .....lb. 8.00 - —
Olive, commercial, dms ....gal. No stocks.
edible, dms., duty paid.....gal. 3.00 - 3.25
foots, dms. .....lb. .14½- .15

Flavor is the thing that makes your product stand out from others. And Exchange Oil of Orange *has* the flavor...that distinctive and preferred taste unique to oranges grown in the sunny, sheltered valleys of California.

Try Exchange Oil of Orange for yourself. Give it all your tests for *quality, uniformity* and *strength*. You'll like it...and you'll buy it!

Exchange

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CALIFORNIA FRUIT GROWERS EXCHANGE
PRODUCTS DEPARTMENT, ONTARIO, CALIF.
Producing Plant:
The Exchange Orange Products Co., Ontario, Calif.

Oil, Orange—Para-anisidin

Oil, orange, sweet, dist., cns...lb. .75 - .90
expressed, USP, Brazilian, cns., dms...lb. 1.25 - 1.50
Calif., cns ...lb. 1.00 - 1.75
Florida, cns., dms...lb. .95 - 1.50
Messina, coppers...lb. 3.50 - 5.50
West Indian, cns ...lb. 2.50 - 3.15
sesquiterpeneless, bots...lb.55.00 -105.00
Origanum, Spanish, cs...lb. 2.30 - 2.75
Palm, Congo, dms...lb. .15¾- —
tankcars ...lb. No stocks.
Palmarosa, cns...lb. 7.50 -10.50
Palmkernel, crude, bulk, c.i.f. N Y lb. No prices
Paraffin, pale, 100-110 vis. at 100° F. tanks, East Coast refinery gal. 11½- —
Patchouli, dms...lb.22.00 -26.00
Peach kernel, USP (see Oil, apricot kernel).
Peanut, crude, tanks, Southeast lb. .21 - —
refined, l.c.l...lb. .26 - —
tanks, New York...lb. .24 - —
Pennyroyal, USP dom., cns lb No stocks.
imported, cns ...lb. 5.15 - 5.75
Peppermint, natural, dms...lb. 6.10 - 6.60
redist., USP, dms...lb. 6.85 - 7.00
Persic, USP (see Oil, apricot kernel).
Perilla, crude, dms...lb. No stocks.
Petitgrain, Paraguay, cns...lb. 2.15 - 2.55
Pimento berry, NF, dms ...lb. 4.00 - 5.75
leaf, cns...lb. 1.50 - 1.75
Pine, dest.-dist., dms, inc., l.c.l., works, South gal. .72 - —
ex whse., N.Y.C lb. .85 - —
steam-dist., dms, ex whse., nonret. dms, incl. l.c.l., ex whse., N.Y.C lb. .117 - —
Pineneedle, Siberian (See Oil, abies siberica).
Oil, putty, petroleum, dms., c.l., dlvd..lb. .11 - —
l.c.l., same basis...lb. .12 - —
tanks, same basis...lb. .10 - —
Rapeseed, tankcars ...lb. .22½ Nom.
Red, saponified, dms...lb. .19¾- .21
tanks ...lb. .18¼- —
single dist., dms...lb. .20½- .21¾
tanks ...lb. .19 - —
double dist., dms...lb. .23 - .24¼
tanks ...lb. .21½- —
Rice bran, clarif., dms...lb. No stocks.
Rose, natural, Bulgarian, bots oz.32.50 -60.00
Rosemary, Spanish, tech., cns., dms lb. .80 - 1.50
USP, cns., dms...lb. .80 - 1.30
Rue, bots...lb. 3.00 - 3.25
Safflower, dms., l.c.l...lb. .1825- —
tanks ...lb. .1550 Nom.
Sage, clary, bots...lb.12.25 -19.00
Dalmatian, cns...lb. 8.00 - 9.75
Spanish, cns ...lb. 1.05 - 2.10
Sandalwood, NF, cns...lb.12.00 -14.50
Sardine, crude, tanks, Pac. coast. lb. .12 - —
refined, alkali, dms...lb. .1880- —
kettle-bodied, dms. ...lb. .1980- —
light-pressed, dms. ...lb. .1780- —
tanks ...lb. .16 - —
Sassafras, artificial...lb. .52 - .78
natural, Brazilian (see Oil ocotea cymbarum).
domestic, USP, cns., dms..lb. 2.00 - 2.50
Savin, cns ...lb 2.75 3.00
Savory, cns ...lb 8.00 —
Seal, 2% acid duty extra, dms lb. No stocks.
Sesame, ref., dms., l.c.l...lb. .31½- —
Shingle stain bbls., c.l., works, gal. .27 - —
l.c.l., works...gal. .30 - —
tanks, works...gal. .19 - —
Oil, snakeroot, Canada, cns...lb.19.25 -35.00
Soybean, crude, tanks, mills...lb. .14½- —
foots, acid, 95%, tanks, dlvd. E...lb. .08¼- —
raw, 50%, tanks, dlvd. E...lb. .03½- —
refined, alkali, dms., c.l...lb. .2020- —
l.c.l. ...lb. .2080- .2135
tanks ...lb. .19 - —
clarified, dms., c.l...lb. .1910- —
l.c.l. ...lb. .1970- .2020
tanks ...lb. .18 - —
clarified, dms., c.l...lb. .1815- —
l.c.l. ...lb. .1875- .1925
edible, dms...lb. .19½- —
tanks ...lb. .18 - —
Spearmint, USP, dms...lb. 3.95 - 4.55
Sperm, bleached, winter, 45°, dms lb. .1520- .1570
tankcars ...lb. .1420- —
natural, winter, 45°, dms ...lb. .14 - .1470
tankcars ...lb. .13 - —
Spruce, cns., dms...lb. 2.00 - 2.10
Sunflower-seed, tmp., refined, tanks lb. No prices.
semi-refined, tanks lb. No prices.
Sweet birch, USP, Northern, cns. lb. 4.75 - 8.00
Southern, cns...lb. 2.05 - 3.75
Tall, crude, tanks, works...ton.40.00 - —
refined, dms., c.l., works...lb. .06 - —
l.c.l., works...lb. .06¼- —
tanks, works ...lb. .05 - —
Tallow, acidless, dms...lb. .19¾- —
Tansy, dms...lb. 7.75 - 9.00
Tar, pine, coml, dms., incl., c.l., works, South lb. .4875- —
l.c.l., works, South ...lb. .5110- —
whse., N.Y.C. ...lb. .6550- —
tanks, works, South ...lb. .3875- —
rectified NF, l.c.l., dms., incl., works, South gal. .60 - —
Tar acid (see Tar).
Teaseed, dms...lb. No stocks.
Theobroma (see Cocoa butter).
Oil, thyme, NF, red, cns., dms...lb. 1.60 - 2.45
white, cns...lb. 1.80 - 2.85
technical, white, cns...lb. .40 5.00
Tung, dom., tanks, mills...lb. .24½ Nom.
imported, dms., c.l...lb. .26½- —
l.c.l. ...lb. .26¾- .27
tanks ...lb. .25½- —
Turkey red (see Oil, castor, sulphonated)
Turpentine, NF, cns., dms...lb. .21 - .35
Vetiver, Bourbon, cns...lb.24.00 -30.00
Haitian, cns...lb.20.35 -22.00
Java, cns...lb.22.00 -26.00
Whale, ref., natural, dms...lb. No stocks.
Winter-bleached dms ...lb No stocks.
Wheat germ 5-gal dms ...gal.10.00 -13.00
White mineral, tech., 50-65 vis., dms., c.l., N. Y. gal. .48½- .51
l.c.l., same basis ...gal. .54½- .60½
65-75 vis., dms., same basis. gal. .49½- .52
l.c.l., same basis ...gal. .55½- .61½
USP, 80-90 vis., dms., c.l., same basis gal. .50½- .53
125-135 vis., dms., c.l., same basis gal. .58½- .61
l.c.l., same basis ...gal. .64½- .70½
145-155 vis., dms., c.l., same basis gal. .65½- .67
l.c.l., same basis ...gal. .71½- .76½
175-185 vis., dms., c.l., same basis gal. .68½- .71¼
l.c.l., same basis ...gal. .74½- .81
200-210 vis., dms., c.l., same basis gal. .71½- .73½
l.c.l., same basis ...gal. .77½- .83
335-345 vis., dms., c.l., same basis gal. .76 - .78½
l.c.l., same basis ...gal. .82 - .87
Wintergreen, USP, nat., Northern, cns ...lb. 7.15 -18.00
Southern, cns ...lb. 3.80 -19.50
synthetic (see Methyl salicylate).
Wood (see Oil, tung).
Wormseed, NF, cns...lb. 5.50 - 6.25
Wormwood, cns...lb. 6.75 - 7.25
Ylang-ylang, Bourbon, bots...lb.12.00 -16.00
extra, bots ...lb.20.00 -21.00
Madagascar, bots ...lb.12.25 -12.50
Olein, crude (see Oil, red).
white, low titre, dms...lb. .23 - .24¼
tankcars ...lb. .21½- —
Oleostearin, bbls...lb. .17 Nom.
Olivine, aggregate, c.l., mines ton. 7.00 - 9.50
crushed 8 mesh, bulk, c.l. works. ton.10.00 - —
paper bgs., c.l., works...ton.12.00 - —
Opium, USP, cns. ...lb.19.20 -19.45
gran., USP, cns. ...lb.21.65 -21.90
powd. USP cns. ...lb.21.65 -21.90
Orange cadmium lithopone, bbls. frt. alld. E. of Rockies lb. 1.20 —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. R., includ. Davenport, Tenn. and N. C. E. of Minneapolis, Rock Island, St. Louis, St. Paul...lb. .25 - .29

Chrome orange prices are ½c. higher, dlvd. Ala., Fla., Ga., La. (Shreveport); 1¼c. Miss., N. C., S. C., Tenn., Dallas and Ft. Worth, Tex., 1½c. El Paso, Tex.; 2c. Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago

Chrome dinitroanilin toner ...lb. 1.15 - —
Mineral, American, bbls., l.c.l., ship't point, frt. alld...lb. .2210- —
Molybdate ...lb. .40 - .42
Persian, bbls...lb. .30 - .45
Orange flowers, bls ...lb. .40 - .45
Orange peel, bitter, Haitian, bls lb. .13 - .15
Sweet, bls ...lb. .15 - .18
Oregano, Mexican, bgs...lb. .16½- .17
Portuguese, bgs...lb. .16½- .17
Sicilian, bgs ...lb. .15½- .16
Orris root, Florentine, bls...lb. .18 - .20
powdered, bbls., bxs...lb. .23 - .24
Verona, bls ...lb. .15 - .18
powdered, bbls., bxs...lb. .19 - .24
Orthoaminobiphenyl, dms., c.l., works, lb. .32½- —
l.c.l., same basis...lb. .33 - —
tanks, same basis...lb. .31 - —
Orthoanisidin, bbls ...lb. .80 - —
Orthochloroanilin, dms, 10,000 lbs. or more lb. .60 - —
smaller lots ...lb. .70 - —
Orthochloroparanitroanilin, dms., dlvd lb. .66 - —
Orthochlorophenol, dms., c.l., frt. equald. lb. .29 - —
l.c.l., same basis ...lb. .30 - —
Orthocresol, pure, 30° C, non-ret., dms., c.l., frt. equald lb. .178 - —
l.c.l., same basis ...lb. .181 - —
ret. dms., c.l., same basis lb. .165 - —
l.c.l., same basis...lb. .168 - —
29° C, non-ret. dms., c.l., same basis lb. .168 - —
l.c.l., same basis...lb. .171 - —
ret. dms., c.l., same basis lb. .155 - —
l.c.l., same basis...lb. .158 - —
24-29° C, non-ret. dms., c.l., same basis lb. .148 - .158
l.c.l., same basis...lb. .151 - .161
tanks, same basis...lb. .135 - .145
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .10¼- —
l.c.l., same basis...lb. .11¼- .11¼
tanks, same basis...lb. .08¾- —
Orthoisopropyl N-phenylcarbamate (see IPC).
Orthoisopropylphenol, dms., c.l...lb. .29 - —
l.c.l. ...lb. .30 - —
tanks ...lb. .28 - —
Orthonitroanilin, dms ...lb. .50 - .53
Orthonitrochlorobenzene, dms...lb. .18 - .19
Orthonitrobiphenyl, tech., dms., c.l., works lb. .14½- —
l.c.l., works ...lb. .15 - —
tanks, works ...lb. .13 - —
Orthonitroparachlorophenol, cns lb. .75 - —
Orthonitrophenol, bbls., works...lb. .85 - —
Orthonitrotoluene, dms., c.l., frt. alld. lb. .09 - —
l.c.l., frt. alld...lb. .10 - —
tanks, frt. alld...lb. .08 - —
Orthophenetidin, dms., works lb. .90 - —
Orthotoluidin, dms., c.l., works...lb. .21 - —
l.c.l., same basis...lb. .22 - —
tanks, same basis...lb. .20 - —
Osage orange crystals, bbls., l.c.l lb. .33½- —
extract, liquid, bbls., l.c.l lb. .15½- —
Orthotolidin, (see Tolidine Base).
Ouabaine, USP, bots ...gram. 3.00 - 4.00
Ox gall, conc., gran., bbls, dms., 5 lbs. and up lb. 2.56 - —
Oxyquinolin sulphate, cns., 100 lbs. works...lb. 4.25 - —
smaller lots, works ...lb 4.40 - 4.51

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Pancreas substance, assay 1:75...lb. 5.75 - 6.25
Pancreatin, USP ...lb. 2.50 - 3.00
Panthenol, bots., works, frt. adjust. kilo.90.00 - —
Papain, powd., NF, cs...lb. 4.00 - 4.50
Papaverine, natural or synthetic, hydrochloride, USP, cns., 1,000-oz. lots oz. 5.00 - —
smaller lots...oz. 5.05 - 5.20
Sulphate, cns ...oz. 7.10 7.35
Paprika, Chilean, bgs...lb. .29½- .30
Portuguese, bgs...lb. .39 - .40
Spanish, bgs ...lb. .44 - .50
Para-anisidin, dms., works...lb. .80 - —

Why You Pay So Little Today For Petrolatum

● *The Story of How Refining Techniques Developed by Sonneborn Research are Helping to Keep Your Costs Down!*

The cost of almost everything in your business—raw materials, wages, equipment—has skyrocketed during the past fifteen years. That is, almost everything except petrolatum. During this period, the rising cost of steel, for example, out distanced petrolatum price increases by some 380%.

In the face of greatly increasing material and labor costs, Sonneborn research accomplished this miracle by analyzing and standardizing each step in the refining of petrolatum. As a result, production time and cost are held to an absolute minimum—product quality and uniformity are greatly improved.

That is why, in spite of continually rising costs of everything that goes into making petrolatum, you pay so little today for the finest grade of petrolatum. Another example of Sonneborn research.

Sonneborn
Leads through Research
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WHITE OIL & PETROLATUM DIVISION
L. SONNEBORN SONS, INC.
300 Fourth Avenue, New York 10, N. Y.

Para-acetylaminobenzaldehyde thiosemicarbazone, dms., frt. adjusted	lb.	17.50	21.00
Para-aminophenol, bbls., frt. alld	lb.	.88½	—
Parachlorophenol, dms., c.l., frt. equald	lb.	.29	—
l.c.l., same basis	lb.	.30	—
Parachloroanilin dms., frt alld E. Miss	lb.	70	—
Parachloro-orthonitroanilin frt. alld. dms	lb.	.70	—
Paracresol, 98%, dms., dlvd	lb.	.50	—
Paracymene, dms. works, 50 gals. or more	gal.	2.50	—
smaller quantities	gal	3.00	—
Paradibromobenzene, bgs. 500-lb lots.	lb.	.45	—
Paradichlorobenzene, dms., c.l., works	lb.	.13½	—
l.c.l., same basis	lb.	.16	.19
Paraffin, crude, scale, white or yel low. 119 121 ASTM, bbls., c.l. refinery	lb	No prices.	
121-123 ASTM, bbls., c.l., ref'y	lb.	No prices.	
126-128 ASTM, bbls., c.l., ref'y	lb.	No prices.	
fully ref'd, slabs, 122-124 ASTM, loose, c.l., ref'y	lb.	.0695	—
125-127 ASTM, loose, c.l., ref'y	lb.	.0695	—
128-130 ASTM, loose, c.l., ref'y	lb.	.0695	—
130-132 ASTM, loose, c.l., refy.	lb.	.0705	—
132-134 ASTM, loose, c.l., ref'y	lb.	.0720	—
135-137 ASTM, loose, c.l., ref'y	lb.	.0795	—

Paraffin prices in bgs and ctns. 7-10c per lb. higher; 1,000 to 9,999 lbs., 2.7c per lb higher, and under 1,000 lbs. 3.7c per lb higher.

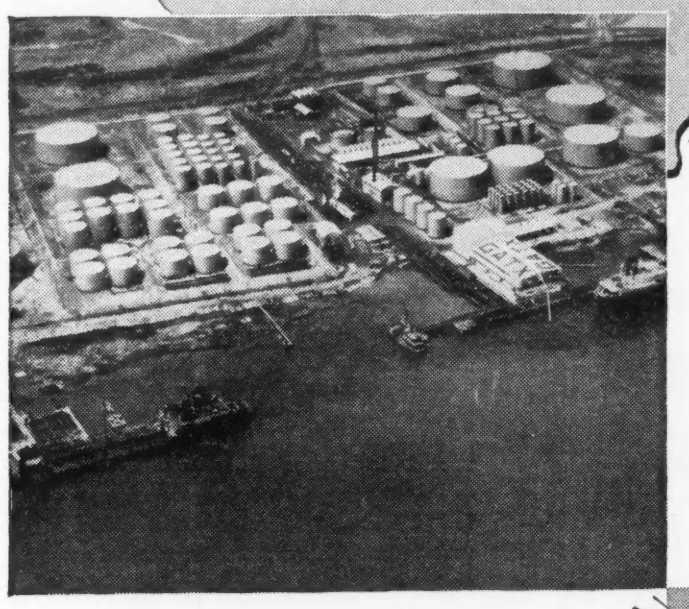
Paraformaldehyde, 94-95% powd., dms., c.l., dlvd. N.Y.	lb.	.16	—
10,000 lbs. to c.l., same basis.	lb.	.17¼	.17½
1,000-9,999 lbs., same basis	lb.	.18¼	.18½
less than 1,000 lbs., same basis	lb.	.19¾	.20¼
94-95%, powd., dms., c.l., works.	lb.	.14	—
10,000 lbs. to c.l., same basis.	lb.	.15	—
1,000-9,999 lbs., same basis.	lb.	.16	—
less than 1,000 lbs., same basis	lb.	.18	—
91-92%, flake, fib. dms., c.l., works	lb.	.12	—
10,000 lbs. to c.l., same basis.	lb.	.13	—
1,000-9,999 lbs., same basis.	lb.	.14	—
less than 1,000 lbs., same basis	lb.	.16	—

Quotations on 91-92% flake paraformaldehyde in the New York metropolitan area are on a delivered basis, 2½c. per lb. higher than works prices.

Paraldehyde, tech., 98% 55 gals., dms., l.c.l., works	lb.	.12½	.13½
5-10-gal. dms., l.c.l., works	lb.	.16½	—
tanks, works	lb.	.10½	—
USP cbys	lb	.51	.53
Paranitroanilin, dms., c.l., works, frt. alld	lb.	.43½	—
l.c.l., frt. alld	lb.	.46½	—
Paranitrochlorobenzene, kgs. works.	lb.	.19	.20
Paranitrophenol, kgs., works, frt. equald	lb.	.42	—
Paranitrotoluene, kgs., frt. alld	lb.	.33	—
Paraphenetidin, dms., works	lb.	.80	—
Paraphenylphenol, bgs., c.l., works.	lb.	.31½	—
l.c.l., same basis	lb.	.32½	—
Paraphenylenediamine, redistilled, dms., works	lb.	2.05	—
technical, refined dms., same basis	lb.	1.05	1.30
Paratertiarybutylphenol, bgs., c.l., works	lb.	.23½	—
l.c.l., same basis	lb.	.24½	—
Parathion, spray powder, 15%, tins, dealers	lb.	.72	—
tech., dms., works	lb.	1.50	2.50
Paratoluenesulphonamide, bbls., works	lb.	70	—
Paratoluidin, bbls., frt. alld	lb.	.61	—
Pareira brava root, whole, bgs.	lb.	.35	.40
ground, bxs	lb.	.40	.48
powder, bxs	lb.	.43	.50
Paris green, dealer, distributor, dms., c.l., works, frt. alld. on 96 lbs. or over	lb.	.33	.37
l.c.l., same basis	lb.	.34	.66
Passion flower herb, bls	lb.	.35	.40
Patchouli leaves, bls	lb.	No stocks.	
Peanut meal, 45%, sacked, mills	ton.	71.00	72.00
Pectin, citrous, NF, powd., bbls	lb.	2.05	2.06
tech., powd., bbls	lb.	1.35	—
Penicillin, crystalline potassium, unlabeled, vials, 100,000 units	vl.	.102	—
200,000 units	vl.	.15½	—
500,000 units	vl.	.28	—
1,000,000 units	vl.	.52	—
2,000,000 units	vl	1.00	—
bulk, sterile, over 25,000,000,000 unit lots 100,000 units.		.04	—
tablet grade, over 25,000,000,000 unit lots 100,000 units.		.03½	—
Procaine, bulk, over 25,000,000,000 unit lots 100,000 units.		.04½	—
sodium, unlabeled, vials 100,000 units	vl.	.10¾	—
200,000 units	vl.	.16	—
500,000 units	vl.	.30½	—
1,000,000 units	vl.	.57	—
2,000,000 units	vl.	1.03	—
bulk, over 25,000,000,000 unit lots 100,000 units.		.04½	—
Pennyroyal leaves, bls	lb.	.40	.45
Pentachlorophenol, dms., c.l., works, frt. equald	lb.	.20	—
l.c.l., same basis	lb.	.23	.28
truckload, 20,000 lbs., min., same basis	lb.	.20¼	—
Pentaerythritol, tech., bgs., c.l., works	lb.	.29	—
l.c.l., works	lb.	.31	.33
Di and tri-isomers (see Dipentaerythritol and Tripentaerythritol)			
Pentane, industrial, tanks, group 3	gal	10½	11½
Pepper, black, bgs	lb.	1.90	1.95
Sept. shipment, bgs	lb.	1.74	1.75
Red, Carolina, longs, bgs	lb.	.38	.39
Oct.-Nov delivery, bgs	lb.	.36	.37
Haitian, bgs	lb.	.52	.53
Hontaka, bgs.	lb.	.50	.51
Louisiana longs, bgs	lb.	.39	.40
Mexican sports, bgs	lb.	.35	.36
Mississippi sports, bgs., source	lb.	No stocks.	
Nigerian, caps, bgs	lb.	.34	.35
Sierra Leone, bgs	lb.	.42	.43
Sudanese, small, bgs	lb.	.42	.43
Turkish, bgs	lb.	.26½	.27
White, afloat, bgs	lb.	3.70	Nom.
Peppermint, USP, dom., bls	lb.	.55	.60
imported, bls	lb.	.80	.90
Pepsin, NF, bulk containers	lb.	3.90	—
Perchloroethylene, dms., c.l., or truckload, works, frt. equald.	lb.	.10¾	—
l.c.l., same basis	lb.	.11½	—
tanks, same basis	lb.	.10¼	—
Perchloroethylene, dms., c.l., dlvd. E	lb.	.11½	—
l.c.l., dlvd. E	lb.	.12	—
tanks, dlvd. E	lb.	.10½	—
Peru, balsam, dms	lb.	1.05	1.35
Petrolatum, amber, dms	lb.	.05	—
l.c.l., same basis	lb.	.05⅞	—
cream, dms., c.l., same basis	lb.	.06	—
l.c.l., same basis	lb.	.07¼	—
extra amber, dms., c.l., same basis	lb.	.05¼	—
l.c.l., same basis	lb.	.05¾	—
USP, white, lily, dms., c.l., same basis	lb.	.06⅜	—
l.c.l., same basis	lb.	.07⅝	—
snow, dms., c.l., same basis	lb.	.06⅞	—
l.c.l., same basis	lb.	.07⅛	—
soft, dms., c.l., same basis.	lb.	.06⅝	—
l.c.l., same basis	lb.	.07⅝	—
yellow, soft, dms., c.l., same basis	lb.	.06	—
l.c.l., same basis	lb.	.06½	—
Petroleum, crude bulk, at wells. California	bbl.	1.10	2.99
Illinois	bbl.	2.44	2.87
Kentucky	bbl.	2.42	2.83
Louisiana Arkansas	bbl	2.08	2.90
Montana	bbl	1.28	2.775
Oklahoma-Kansas	bbl.	2.16	2.65
Pennsylvania lower field	bbl.	3.57	—
Upper field	bbl.	4.00	—
Texas, East	bbl	2.65	—
Gulf coast	bbl	2.38	2.95
North, North-Central	bbl	2.23	2.65
Panhandle	bbl	2.23	2.65
West	bbl	2.10	2.65
Wyoming	bbl	1.28	2.875
Ether, laboratory, 30°-60° C. 10-gal. cns. dlvd. E	gal.	1.50	—
dms., c.l., group 3	gal.	.26	—
l.c.l., same basis	gal.	.44	—

Para-acetylaminobenzaldehyde—Petroleum Mineral Spirits

Petroleum, ether, laboratory, 35°-60° C. 10-gal. cns., dlvd. E	gal.	1.50	—
dms., c.l., Group 3	gal.	.26	—
l.c.l., same basis	gal.	44	—
40°-75° C. 10-gal. cns., dlvd. E	gal.	1.50	—
dms., c.l., Group 3	gal.	.26	—
l.c.l., same basis	gal	44	—
90°-160° C. ref dms., ex tax, f.o.b San Francisco	gal	.57	—
Fuel oil, bunker C, No. 6, California, heavy tanks, refinery	bbl.	1.40	1.60
light, tanks, refinery	bbl.	2.05	2.10
eastern, tanks, Albany, N. Y.	bbl.	2.45	—
Baltimore, Md.	bbl.	2.18	—
Boston, Mass.	bbl.	2.20	—
Charleston, S. C.	bbl.	2.13	—
Jacksonville, Fla	bbl.	2.12	—
New York, N. Y.	bbl.	2.15	2.20
Norfolk, Va.	bbl.	2.18	—
Philadelphia, Pa.	bbl.	2.18	—
Portland, Me.	bbl.	2.23	—
Providence, R. I.	bbl.	2.175	—
Savannah, Ga.	bbl.	2.13	—
Diesel, tanks, refinery, California	gal.	.075	.115
Pennsylvania	gal.	.09375	.0975
Furnace, tanks, refinery, Arkansas, No. 2	gal.	.0825	—
No. 3	gal.	.07875	—
Bayonne, N. J., No. 2	gal.	.086	—
Group 3, No. 1	gal.	.0875	.09
No. 1, straw	gal.	.0875	.09
No. 2, straw	gal.	.08125	.08625
range	gal.	.07825	.08125
Pennsylvania, western, No. 1.	gal.	.10	—
No. 2	gal.	.095	.1025
No. 3	gal.	.095	.0975
Petroleum, lacquer diluent, California, 170-225 F, b.r., tanks, ex tax, f.o.b. Los Angeles.	gal.	.147	—
255 F, b.r., tanks, ex tax.			
Portland, Ore	gal.	.158	—
San Francisco	gal.	.152	—
Seattle, Wash	gal.	.158	—
East coast tanks, N. J. and N. Y. refinery	gal.	.17	—
group 3, benzol-type, tanks, refinery	gal.	.12125	.12375
toluol-type tanks, refinery	gal.	.11625	.11875
Mineral spirits, California, 170-255 b.r., tanks, ex tax, f.o.b. San Francisco	gal.	.152	—
205-295 b.r., tanks, same basis	gal.	.152	—
245-360 b.r., tanks, same basis	gal.	.152	—
305-362 b.r., tanks, same basis	gal.	142	—
312-400 b.r., tanks, same basis	gal.	.142	—
360-455 b.r., tanks, same basis	gal.	.152	—
East coast, tanks, N. J., N. Y., refinery	gal.	.15	—
group 3, tanks	gal.	.10875	—
tankwagon, Baltimore	gal.	.18½	—
Boston	gal.	.17	—
Buffalo	gal.	.17½	—
Newark	gal.	.16	—
New York	gal.	.16	—
Philadelphia	gal.	.15	—
Pittsburgh	gal.	.18	—
Providence	gal.	.17½	—
Rochester	gal.	.19	—
Syracuse	gal.	.20	—
Washington, D C.	gal.	.18½	—



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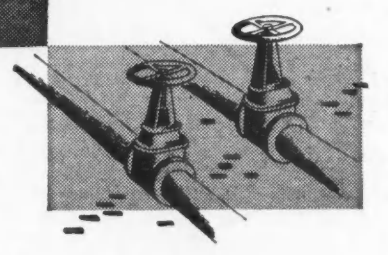

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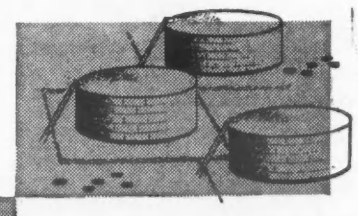

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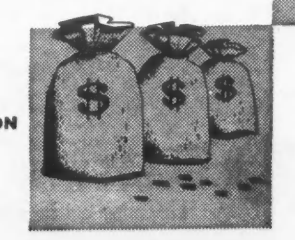

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Petroleum Naphtha—Potash Caustic

Petroleum naphtha, cleaners, East Coast, tanks, N. J., N. Y., refinery gal. .15 - —
Group 3, tanks gal. .11875- —
tankwagon, Newark gal. .15½- —
New York gal. .16 - —
Philadelphia gal. .15 - —
high-dash 140° F, group 3, refinery, tanks gal. .13 .145
200-285 b.r., 37-38° C., mixed anilin pt., tanks, refinery or terminal gal. .21½- .23
25-26° C., m.a.p., tanks, same basis gal. .22 - .26
270-370 b.r., 78-81° C, m.a.p., tanks, same basis gal. .25 - —
45° C., m.a.p., tanks, same basis gal. .28½- —
26-27° C., m.a.p., tanks, same basis gal. .22 - .26½
300-400 b.r., 28-32° C., m.a.p., tanks, same basis gal. .19½- .28½
340-410 b.r., 27° C., m.a.p., tanks, same basis gal. .22 - .28½
32° C., m.a.p., tanks, same basis gal. .22 - —
36° C., m.a.p., tanks, same basis gal. .22 - —
340-440 b.r., 32° C., m.a.p., tanks, same basis gal. .27¾- .29
V.M.&P., tanks, ref'y, California, 245-360 b.r., Los Angeles, gal. .147 - —
Portland, Ore gal .158 - —
San Francisco gal. .152 - —
Seattle, Wash. gal. .158 - —
East coast, N. J., N. Y., tanks gal. .16 - —

Petroleum naphtha, VM&P, tanks, refy., Group 3, tanks gal. .11875- .12125
tankwagon, Boston gal. .18½- —
Newark gal. .17½- —
New York gal. .17½- —
Philadelphia gal. .17 - —
Pittsburgh gal. .19 - —
Solvent, rubber, California, tanks, ex tax, San Francisco gal. .152 - —
East coast N. J., N. Y., gal. .16 - —
Group 3, tanks gal. .11875- —
Pennsylvania, western, tanks gal. .1225- —
Stoddard, California, tankwagon, ex-tax, Los Angeles gal. .157 - .193
East coast N. J., N. Y., tanks gal. .15 - —
Group 3, tanks gal. .11375- —
tankwagon, Boston gal. .17 - —
Newark gal. .16 - —
New York gal. .16 - —
Philadelphia gal. .14 - —
Pittsburgh gal. .18 - —
Syracuse gal. .20 - —
Sulphonate, 70% sulphonic content, non-ret. dms., c.l., works, lb. .2040- —
l.c.l., works lb. .2065- —
tanks, works lb. .1850- —
60-62% sulphonic content, non-ret. dms., works lb. .1865- —
l.c.l., works lb. .1890- —
tanks, works lb. .1675- —
50-55% sulphonic content, non-ret. dms., works lb. .1590- —
l.c.l., works lb. .1615- —
tanks, works lb. .14 - —
Phenobarbital, USP dms., 100 lbs. lb 4.00 4.35
Phenobarbital-sodium, USP dms lb. 4.00 4.10

Phenol, 90-92% (cresol, 8-10%), dms., c.l., frt. alld. and frt. equald. E. of Rockies, lb. .1650- —
l.c.l., same basis lb. .1725- —
tanks, same basis lb. .1475- —
82-84% (cresol, 16-18%), dms., c.l., same basis lb. .1650- —
l.c.l., same basis lb. .1725- —
tanks, same basis lb. .1475- —
USP, synthetic, dms., c.l., same basis lb. .17¼- —
l.c.l., same basis lb. .18 - —
tanks, same basis lb. .15½- —
tar distilled, dms. c.l., same basis lb. .17¼- —
l.c.l., same basis lb. .18 - —
tanks, same basis lb. .15½- —
Phenolphthalein, USP or yellow, bbls., dms., 2,000 lbs. lb. 1.10 - —
smaller lots lb. 1.12 - 1.17
Phenothiazin, NF, fib. dms., c.l., frt. adjusted lb. .46 - —
over 2,100 lbs., same basis lb. .48 - —
less than 2,100 lbs., same basis lb. .50 - —
Phenylacetaldehyde solution, 50%, bots lb. 2.45 - 2.70
100%, bots lb. 4.00 - 4.75
Phenylacetamide, 125-lb. dms., works, lb. lots lb. 1.25 - —
smaller dms lb. 1.30 - 1.60
Phenyl acetate, dms., 100-lb. lots, works lb. .50 - —
Salicylate (see Salol).
Phenylalanine dextro laevo, dms., works lb. 30.00 -37.50
Phenyldiethanolamine, dms., c.l., works lb. .35½- —
l.c.l., works lb. .35 - .36½
Phenylethanolamine, dms., c.l., works lb. .67½- —
l.c.l., same basis lb. .68½- —

Phenylethyl acetate, dms. lb. 1.30 - 1.80
Phenylethylphenyl acetate, bots. lb. 3.75 - 4.20
Phenylhydrazin base, CP, bots lb. 3.00 - 3.07
Hydrochloride, commercial, kgs., works lb. 1.75 - —
CP, bots., works lb. 5.12 - —
Phenylmethylpyrazolone (see Methylphenylpyrazolone).
Phloroglucinol, CP, fib. dms., works, lb. 13.75 -15.75
commercial fib. dms., works lb. 5.50 - 7.00
tech., fib. dms., works lb. 9.65 -10.75
Phosgene, 150-lb. cyls., works lb. .20½- —
Phosphate, defluorinated (see under D)
Phosphate rock, Curacao, Atlantic ports ton. 35.00 - —
Florida, land pebble, run-of-mine, washed, dried, unground, 68-66%, b.p.l., bulk, c.l., car at mine long ton. 3.755 - —
70%-68%, b.p.l., c.l., same basis long ton. 4.155 - —
72%-70%, b.p.l., c.l., same basis long ton. 4.805 - —
75%-74%, b.p.l., c.l., same basis long ton. 5.805 - —
77%-78% b.p.l., c.l., same basis long ton. 6.905 - —
finely ground, 65% b.p.l., basis 30% P_2O_5 minimum short ton. 4.92 - —
68% b.p.l. basis 31% P_2O_5 minimum short ton. 5.28 - —
70% b.p.l., basis 32% P_2O_5 minimum short ton. 5.83 - —
plus or minus usual bonus adjustment clause for oil and labor. Prices on entirely pebble, 50c. per long ton higher than above quotations
Tennessee, brown, run-of-mine, unground, 27-28% P_2O_5 long ton. 6.45 - —
30-29% P_2O_5 long ton. 7.21 - —
Phosphorus, red, amorphous, cs., works lb. .42 - —
dms., works lb. .39 - .40
Yellow cns. lb. .30 - .37
dms. c.l lb. .26 - —
Oxychloride, dms., works lb. .14 - .17
Pentasulphide, dms., c.l., works, lb. .12 - —
l.c.l., dms., works lb. .13 - .14
Pentoxide, dms., c.l., works lb. .12 - —
l.c.l., works lb. .13 - .14
Sesquisulphide, tins, cs., works, lb. .23 - .29
dms. export lb. .33½- .38
Trichloride, dms., c.l., works lb. .14 - —
l.c.l., works lb. .15 - .18
Phthalic annydride, bgs., c.l., works, frt. equald. lb. .17½- .19
l.c.l., same basis lb. .18½- .20
tanks, same basis lb. .17 - .18½
Bbls. ½c. per pound higher.
Phthalimide, bbls. works lb. 1.10 - 1.37
Pichi leaves, bgs lb. .08 - .10
Picoline (see Alphapicoline and Betapicoline)
Pilocarpine hydrochloride, NF, bots. oz. 5.25 - —
Nitrate, USP, bots., vials oz. 5.10 - —
Pimento, Jamaica, bgs lb. .25 - .25½
Pinetar retort dms. incl. c.l., works, South lb. .04875- —
l.c.l., same basis lb. .05110- —
whse., N.Y.C lb. .06550- —
tanks, works, South lb. .03875- —
Pinkroot, bls. lb. 1.55 - 1.65
Piperidine 85% wks frt. equald. lb. 1.65 - —
98% dms., same basis lb. 1.75 - —
Piperazine hexahydrate, bots kilo 12.50 -13.25
Pipsissewa herb (see Prince's pine)
Pitch, burgundy, domestic, dms. inc., works, South, 1 to 4 dms. 100 lbs. 8.00 - —
5 to 19 dms. 100 lbs. 7.75 - —
20 or more dms. 100 lbs. 7.55 - —
whse., N.Y.C., 1 to 4 dms 100 lbs. 8.92 - —
5 to 19 dms. 100 lbs. 8.67 - —
20 or more dms 100 lbs. 8.47 - —
Coaltar, 150° F, m.p., bbls., c.l., works ton. 36.00 - —
l.c.l., works ton. 38.00 - —
Cottonseed, dms., works lb. .05 - .07
Hardwood, paper bgs., c.l., works, lb. .02 - —
Linseed, dms. lb. .06 Nom.
Petroleum (see Asphaltum Mexican Texas)
Pine, dms., dms. inc., l.c.l., works, South 100 lbs. 3.75 - —
Soybean, dms. works lb 04½- .05
Tall, dms., works lb. .03 - .03¼
Plaster of paris (see Gypsum)
Platinum metal, works oz. 100.00 -103.00
Pokeroot, bls lb 13 - .14
Pleurisy root, bls lb. .25 - .26
Podophyllin NF dms lb. 12.45 - —
Polyoxyethylene sorbitan monostearate, dms. 20,000 lbs., works lb. .42 - —
10,000-20,000 lbs., works lb. .44 - —
smaller lots, works lb. .47 - .49
tristearate, dms. 20,000 lbs., works lb. .42 - —
10,000-20,000 lbs., works lb. .44 - —
smaller lots, works lb. .47 - .49
Polystyrene, colors, special, bgs., over 30,000 lbs frt alld lb. .30 - .31
20,000-29,999 lbs. same basis lb. .31 - .31¼
10,000-19,999 lbs same basis lb. .31½- .32
200-9,999 lbs. same basis lb. .32 - .32½
standard, bgs., over 30,000 lbs., same basis lb. .31 - —
20,000-29,999 lbs same basis lb. .31 - —
10,000-19,999 lbs., same basis, lb. .31½- —
200-9,999 lbs. same basis lb. .31½- —
crystals, heat-resistant, bgs., over 30,000 lbs., same basis lb. .27 - .28½
20,000-29,999 lbs same basis lb. .28 - .29½
10,000-19,999 lbs same basis lb. .29 - .30½
200-9,999 lbs. same basis lb. .29 - .30½
standard, bgs., over 30,000 lbs., same basis lb. .27 - —
20,000-29,999 lbs same basis lb. .28 - —
10,000-19,999 lbs. same basis lb. .29 - —
200-9,999 lbs., same basis lb. .29 - —
Polystyrene in non-returnable fiber dms., ½c. per lb higher.
Pomegranate root bark, bgs. lb. .68 - .70
Poppy flowers, bls. lb. .85 - .90
Seed, Argentine, bgs. lb. .17½- .18
Czech, bgs. lb. .17 Nom.
Dutch, bgs. lb. .22 - .23
Polish, bgs lb. .16 Nom.
Turkish, bgs, afloat lb. .23½- .24
Potash, caustic, low-chloride, flake, 88% basis 90% KOH, dms., c.l., works 100 lbs. 10.00 - —
l.c.l., works 100 lbs. 10.75 - —
liquid, 45% dms., c.l., works, 100 lbs. 4.625 - —
l.c.l., works 100 lbs. 5.125 - —
tanks, works 100 lbs. 4.30 - —
solid, 90% dms., c.l., works, 100 lbs. 9.40 - —
l.c.l., works 100 lbs. 10.15 - —

Marvinol-based calendered sheets have superior "dry hand" . . . are easily worked . . . have high stitch-tear resistance.
Cast, calendered or extruded Marvinol-based films have high tear strength . . . are easily processed, printed, embossed, sewn or heat-sealed.
Marvinol pays off with faster extrusion rates . . . makes end products with high resistance to cut-through, good electrical qualities.
Adaptable to injection, low pressure, compression, slush and blow molding, Marvinol gives strong, durable products with sharp detail.
Marvinol®
vinyl resin
puts these extras
in your sales story
Marvinol is being used in new vinyl compositions to make tough, lightweight cellular products.
Colorful, durable, high-style floor coverings are processed from high molecular weight Marvinol formulations.

FOR SUPERIOR physicals, Marvinol VR-10. For ease in processing, plus good physicals, Marvinol VR-20. Now both Marvinol resins give processors the characteristics that make sales. Stability under heat, light and time; dimensional stability; low temperature flexibility; resistance to wear, tear, oils and acids.

Let us show you how to utilize these extras in Marvinol. All technical information developed in our modern laboratories is at your disposal since it is through you that Marvinol-based products reach the consumer. Write today for the latest technical information. Dept. O-9, NAUGATUCK CHEMICAL, Naugatuck, Connecticut. *In Canada*, Naugatuck Chemical, Elmira, Ontario.

Other Products of Naugatuck Chemicals

KRALAC molding powders • VIBRIN Polyester resins • PQL chemical and heat resistant baking enamel • SHRINKMASTER process for rendering woolens shrink-resistant and long-wearing • SPERGON fungicide for seed treating • TUFOR 2-4-D weed killers • PHYGON orchard and row crop spray fungicide • SURFA-SEALZ rubber compound for surfacing highways • LOTOL compound latices, natural and synthetic • DISPERSITE water dispersions of reclaimed rubber and resins • Reclaimed Rubber • Aromatics • Synthetic Rubber • Rubber Chemicals • Raw Latex • Plasticizers

Marvinol

NAUGATUCK CHEMICAL

DIVISION OF UNITED STATES RUBBER COMPANY

Potash, caustic, regular, flake, 88-92%, dms., c.l., works... 100 lbs. 8.50 • —
l.c.l., works ... 100 lbs. 9.25 • —
liquid, 45% basis, dms., c.l., works 100 lbs. 3.875 • —
l.c.l., same basis 100 lbs. 4.65 • —
tanks, same basis....100 lbs. 3.55 • —
solid, 88-92%, dms., c.l., works, 100 lbs. 7.90 • —
l.c.l., same basis, works, 100 lbs. 8.65 • —
Potassium abietate, dms.....lb. .08 • —
Acetate, dms.....lb. .31 • .36
Bicarbonate, USP, gran, dms lb. .20 • .22
powd., dms.....lb. .22 • .24
Bichromate, bgs., c.l., works....lb. .14 • —
l.c.l., same basis.....lb. .14¼ • .15
Potassium bichromate in drums, ½c. higher.
Bitartrate (see Cream of tartar).
Borate, gran., bbls., c.l., works, ton.192.00 • —
ton tots, works ton.245.50 • —
less ton tots, works.... ton.250.50 • —
Bromate, bbls., 1,000 lbs. or more lb. .49 • —
25-200-lb. lots.....lb. .61 • —
Bromide, USP, cryst., gran., bbls., kgs lb. .34 • .37
Carbonate, tech., calcined, bbls., c.l., works..100 lbs. 6.25 • —
l.c.l., same basis 100 lbs. 9.30 • —
hydrated, 83-85% bbls., c.l., works..100 lbs. 6.75 • —
dms., l.c.l., works...100 lbs. 7.50 • —
USP, gran., bbls., dms... lb. .16½ • .18
powd., bbls., dms..... lb. .21 • .23
Chromate, tech., bgs.....lb. .25 • .29
Chlorate, cryst., dms., c.l., works, lb. .089 • —
l.c.l., works ..... lb. .0915-.1015
powd., dms., c.l., works.....lb. .094 • —
l.c.l., works ..... lb. .0965-.1065
export, dms., 1 to 10 tons, ex whse lb. .12 • —
NF, gran., dms lb .31 • .33
Chloride, USP, cryst., dms....lb. .26 • .27
gran., bbls.....lb. .20 • .22
powd., bbls .....lb. .29 • .32
Citrate, USP, gran., dms.....lb. .37½ • .38½
powder, dms. .... lb. .40½ • .41½
Cyanide, dms. works.....lb. .52½ • .55
Fluoride, dms. works.....lb. .24 • —
Gluconate, dms. .....lb. .75 • .79
Glycerophosphate, 75% solution, cbys..lb. 2.15 • 2.25
Guaiacol sulphonate, NF, dms..lb. 1.80 • 1.85
Hydroxide, tech. (see Potash, caustic).
USP, pellets, jars lb. .33 • —
Hypochlorite, liquid, cbys., dms., works 100 lbs. 3.50 • —
Hypophosphite, NF, ton lots and less, fib. dms lb. .90 • .93
Iodide, dms lb 1.95 • 1.98
Manure salt, 22% K_2O, bulk, mines unit-ton. .21 • —
Metabisulphite, gran. bbls lb. .21 • —
powd., bbls lb. .25 • —
Muriate, dom., 50-60% K_2O, bulk, Carlsbad, N. M..unit-ton. .40 • —
Trona, Cal. unit-ton. .48½ • —
50-51% K_2O, bgs., Carlsbad, N.M...ton.23.95 • —
Nitrate (see Saltpeter).
Oxalate, neutral, tech., fine gran., bbls., dms..lb. .30 • .32
purified, dms. lb. .42 • .44
Perchlorate, dms., l.c.l. lb. .14 • .15
kgs., c.l., works lb. .13½ • —
Permanganate, tech., dms., works, lb. .21¾ • .22¾
USP, dms., works lb. .23½ • .24
ex whse lb. .29 • —
Persulphate, dms., c.l., works. lb. .17 • —
Phosphate, tetrabasic, bbls., wks. lb. .13 • .13½
Prussiate, red, kgs..... lb. .60 • .63
yellow, bbls ..... lb .21 • —
kegs ..... lb. .26 • —
Ricinoleate, tech., bbls ..... lb. .11 • —
Silicate, glass, bgs., c.l., works, 100 lbs.14.45 • —
l.c.l., ... 100 lbs.14.95 • —
solution, 29° Be., ret. dms., c.l., works 100 lbs. 4.25 • 5.30
l.c.l., 5 dms or more, works 100 lbs. 5.00 • 6.05
30° Be., ret. dms., c.l., works 100 lbs. 4.50 • —
l.c.l., works... 100 lbs. 5.00 • —
32.5° Be., ret. dms., c.l., works 100 lbs 4.60 • —
l.c.l., works ..... 100 lbs. 5.10 • —
40° Be., ret. dms., c.l., works 100 lbs. 5.10 • —
l.c.l., works..... 100 lbs. 5.60 • —
40.5° Be., ret. dms., c.l., works.... 100 lbs. 5.75 • 6.50
l.c.l., 5 dms. or more, works....100 lbs. 6.50 • 7.25
1-4 dms, works..100 lbs. 7.00 • 7.65
Silicofluoride, bbls works lb .07 .08
Sulphate, agricultural, 90-95% K_2SO_4, bulk, works, basis 90%..ton.34.50 • —
NF, cryst., bbls. lb. .31 • .33
gran., dms lb. .16½ • —
powder, dms.....lb. .16 • .16½
Sulphocyanide, cryst., NF (see Potassium thiocyanate).
Thiocyanate, NF, cryst., dms...lb. .75 • .81
tech. works lb. .45 .50
Titanate, ctns., c.l. works lb. .12 —
5 tons, works.....lb. .12¼ • —
1 ton or less, works lb. .12½ • .12¾
Potassium-magnesium sulphate, bulk, works, basis 40% K_2SO_4, 18% MgO..ton.15.20 • —
Potassium-sodium tartrate (see Rochelle salt)
Potassium-titanium fluoride, fib., dms., works lb. .45 • .55
Potassium-titanium oxalate bbls., kgs lb. .65 • .70
Potassium-zirconium fluoride, fib. dms. c.l., works lb. .50 —
l.c.l., works ..... lb. .52½ • .53
Pregnenolone .....gm. 4.00 • —
Acetate .....gm. 4.00 • —
Prickly ash bark, bls..... lb .23 .25
Berries, bgs. .....lb. .60 • .70
Prince's pine herb, bls ..... lb. .45 • .50
Procaine hydrochloride, USP, dms., contract 1,000 lbs. or more works lb. 3.75 4.50
spot lb. 4.00 • 5.00
Progesterone, USP, 100 gms., bots.. gm. 4.50 • —
Propane, commercial grade tanks, group 3 gal. .03 • —
Propionaldehyde, dms. c.l. works lb. 28½ • —
l.c.l., works lb. 29½ • —
tanks, works lb .25 • —
Propyl aldehyde (see Propionaldehyde)
Parahydroxybenzoate USP dms lb 2.30 2.40
Propylene dichloride, dms., c.l lb. .08½ • —
l.c.l. lb .09½ • —
smaller containers lb 12½ • —
tanks lb .07 —
Oxide, dms., c.l., frt. alld. E .. lb. .18½ • —
l.c.l. frt alld E lb .19½ • —
tanks, frt. alld E lb. .16½ • —
Propyleneglycol, NF, dms., c.l., frt. alld., E lb. .18¾ • —
l.c.l., same basis.....lb. .19¾ • —
tanks, same basis.....lb. .17 • —
tech., dms., c.l., frt. alld. E .lb. .17¾ • —
l.c.l., same basis.....lb. .18¾ • —
tanks, same basis.....lb. .16 • —

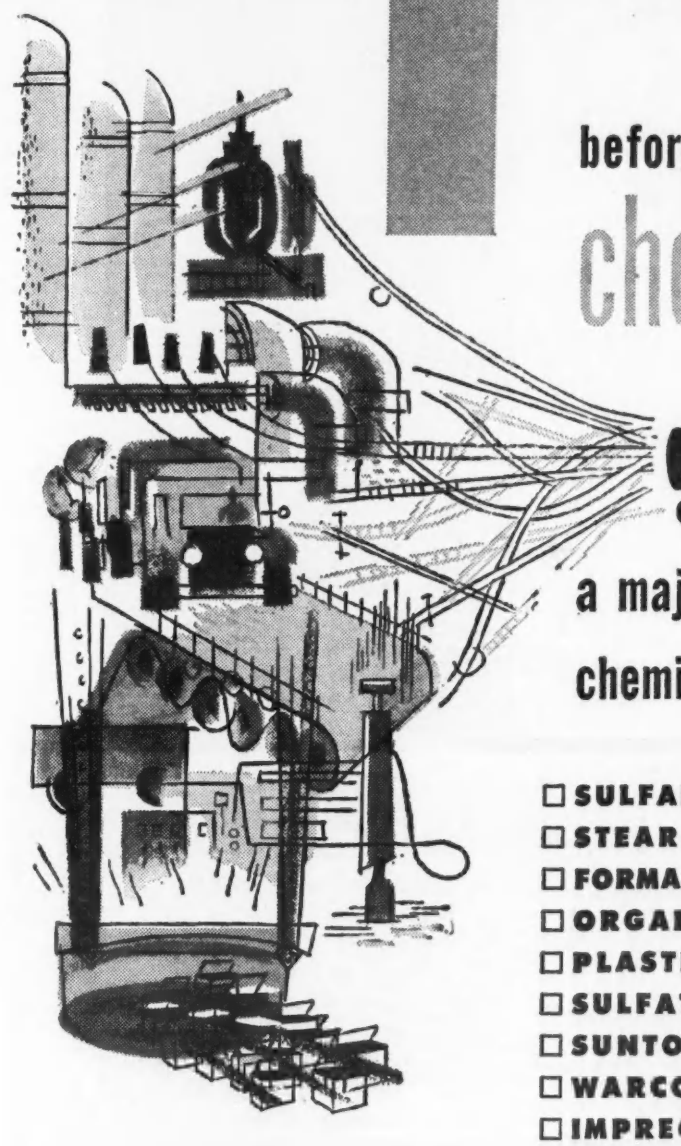
Propyleneglycol methylether, dms., c.l., frt. equald..lb. .19¾ • —
l.c.l., same basis.....lb. .20¾ • —
tanks, same basis.....lb. .18¼ • —
Propylthiouracil, bots., 50 kilos or more kilo.55.00 —
smaller lots ..... lb.55.10 -55.30
Psyllium seed, black, bgs.....lb. .17 Nom.
blonde, bgs.....lb. .23 • .24
husks, bgs.....lb. .65 • .66
Pulsatilla herb, bls ..... lb. .45 .50
Pumice, dom., grd. coarse, 0-½, 1, 1½, 2, 3 bgs., ton lots, lb. .03¾ • .04
smaller lots..... lb. .03⅞ • .04¼
Italian, silk-screen, coarse, bgs., ton lots lb. .05½ • —
fine, bgs., ton lots ..... lb. .04 • —
sun dried, coarse, bgs., ton lots lb. .02½ • —
fine, bgs., ton lots ..... lb. .02½ • —
Pumice in bbls. is ½c. per lb. higher.
Pumpkin seed, bgs ..... lb. .18 .26
Purple lake (see Red).
Pyrethrum concentrate, dewaxed, 20%; for aerosol bombs, dms., works lb.11.00 -11.50
liquid (20 to 1), basis 2 grams pyrethrins, per 100cc., odorless base, dms., works gal. 9.50 • —
regular nase dms. works, gal. 8.40 • —
(30 to 1 base, 3 grams, pyrethrins, per 100cc, odorless base, bbls., works.gal.10.15 • —
regular nase, dms., works, gal.14.05 • —
flowers, fine-grd., 0.9% pyrethrins, bbls., works lb. .42 • .44
powder, 1.3% pyrethrins, bbls., works lb. .56 .65
Pyrethrin, synthetic (see Allethrin)

Pyridin, denaturing, dms., works, and frt. equald., c.l gal. 2.00 2.69
l.c.l ..... gal. 2.00 2.72
refd., 2°, non ret. dms., c.l., same basis lb. 79½ —
l.c.l., same basis..... lb. .80 • .90
Pyridoxine hydrochloride, 100-gram bots..gram. .55 • —
Pyrites, Spanish, c.i.f. Atl ports long-ton 8.00 —
Pyrocatechol (see Catechol).
Pyrophyllite, standard, 200 mesh, bulk, c.l., mines ton.11.00 -11.50
230 mesh, bulk, c.l., mines ton.12.00 -12.50
325 mesh, bulk, c.l., mines ton.15.00 —
No. 3, 200 mesh, bulk c.l. mines, ton 9.50 —
insecticide grade 200 mesh, bgs., c.l., mines ton.12.00 -12.50
rubber grade 140 mesh, bgs., c.l., mines ton.10.00 -10.50
Pyrophyllite in paper bgs. $3 to $3.50 per ton extra.
Pyroxylin, USP, bots..... lb. 9.54 • —
Scrap, opaque, amber, cs., works, lb. .17 • —
black, cs., works..... lb. .14 • —
gray, cs., works ..... lb. .13 • —
mixed, mottled, cs., works.lb. .12 • —
white, china, ivory, cs., works, lb. .17 • —
dense, cs., works..... lb. .16 • —
translucent, pastels, cs., works, lb. .17 • —
transparent, colorless, cs. works, lb. .19 • —
colors, cs., works ..... lb. .17 • —
shavings, opaque, amber, cs., works lb. 14 • —
mixed, colors, cs., works lb. 14 • —
white, cs., works.....lb. .17 • —

Potash Caustic—Quinine Hydrobromide

Q

Quassia chips, bls .. lb. .08 .09
Quebracho extract, clarified, grd., 70% tannin, bgs. c.l., lb. .14¾ • .15
liq., 35% tannin, bbls., works, lb. .08 .08¼
tanks, same basis .. lb. .07½ —
clarified, solid, 64% tannin, bgs., c.l., duty extra lb. .09 —
powd., 70% tannin bgs., c.l lb. .15½ • —
ordinary, solid, 63% tannin, bgs., c.l., ex-dock, duty extra lb. .08 5/16 —
Quebracho extract prices are based on $20.40 freight and $1 insurance per long ton.
Queen of the meadow root, bgs lb. .18 • .20
Quercitron crystals, bbls., l.c.l lb. .33½ —
Extract, liquid, bbls., l.c.l. lb. .14½ • —
solid, bxs lb. .28 —
Quicksilver, flasks (76 lbs.) net flask.85.00 -87.00
Quince seed, bgs..... lb .90 1.50
Quinidine, NF V, cryst., cns....oz. 1.90 —
powd., precip., cns.....oz. 1.85 —
Sulphate, USP, cns.....oz. 1.25 • —
Quinine, NF, cns., 100 ozs.....oz. .70 • —
Bisulphate, USP, cns., 100 ozs. oz. .51 • —
Dihydrochloride, USP, cns.....oz. .70 • —
Ethylcarbonate, NF, cns., 100 ozs. oz. .75 • —
Hydrobromide, NF, cns., 50-oz. cns. oz. .63 • —



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a major source for these chemical specialties:

- ☐ **SULFANOLE*** synthetic detergents and surface-active agents
- ☐ **STEARATES** aluminum, barium, calcium, chromium, iron, lead, manganese, strontium, zinc
- ☐ **FORMASET*** urea formaldehyde resins
- ☐ **ORGANOSOL** coatings for textiles and paper
- ☐ **PLASTISOL** for coating and molding
- ☐ **SULFATED OILS**
- ☐ **SUNTONE*** pigment printing colors for textiles and plastics
- ☐ **WARCOSOL*** wetting agents
- ☐ **IMPREGNOLE*** re-treatable water repellent
- ☐ **NORANE*** durable water repellent

Samples, technical data, and counsel are yours for the asking. Simply write us.

*Trade Mark Reg.

WARWICK CHEMICAL COMPANY, DIVISION CHEMICAL CORPORATION

10th Street and 44th Avenue, Long Island City, New York

Quinine Hydrochloride—Silver Nitrate

Quinine hydrochloride, USP, cns., 100 ozs. oz. .63 - —
Phosphate, NF cns. 100 ozs oz. .76 - —
Salicylate, NF, ctns., 100 ozs oz. .66 - —
Sulphate, USP cns., 100 ozs oz. 56½- —
Quinine-urea hydrochloride, NF, cns lb. .68 - —
Quinolin, dms., c.l., frt. equald lb. .50¾- .51¼
l.c.l., same basis lb. .51¼- .51¾
tanks, same basis lb. .50 - —

R

R salt, paste, dry basis . dms., frt. alld lb. .83 - —
Raspberries, dried, bbls lb 1.60 - 1.70
Red, alizarin lake, bbls. dlvd. N of Tenn. and N. C., E. of Miss. including St Paul, Minneapolis, Davenport, Rock Island, St. Louis lb 1.45 - 2.25

Prices ½c. per lb higher dlvd Ala. Fla., Ga., La. (Shreveport, 1¼c.), Miss., N C., S C., Tenn., Tex. (Dallas, Ft Worth, 1¼c.), El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha St. Joseph 1.6c. per lb. higher, dlvd. Pacific coast prices equaled with Chicago, dlvd. Denver, Pueblo, Salt Lake City, Wichita.

Cadmium, CP, dark shade, bbls., frt. alld. E. of Rockies lb. 3.80 - —
light shade, bbls., same basis. lb. 3.65 - —
medium shade, bbls., same basis lb. 3.75 - —
medium light shade, bbls., same basis lb. 3.70 - —
orange shade, bbls., same basis lb. 3.30 - —
Red, cadmium lithopone, deep shade, bbls., same basis lb. 1.45 - —
light shade, bbls., same basis lb. 1.30 - —
maroon shade, bbls., same basis lb. 1.55 - 1.65
medium shade, bbls., same basis lb. 1.40 - —
medium-light shade, bbls., same basis lb. 1.35 - —
orange-red shade, bbls., same basis lb. 1.25 - —

Red cadmium lithopone, all shades, in smaller pkgs., 5c. per lb. higher; all prices are 1c. per lb. higher ex whse. Los Angeles and San Francisco.

Carmine, No. 40 (see Carmine).
Crocus martis (see Red, maroon iron oxide).
Dyes (see Dyes, coaltar).
Eosin toner, bbls., works lb. 1.40 - —
Indian, dom., pure, bgs., Bethlehem, Easton, E. St. Louis, N. Y lb. .11¼- .11¾
Iron oxide, synth., bgs lb. .11¾- .12
75%-85% copperas oxide, bgs., l.c.l., Bethlehem, Pa., Copley, O.; Easton, Pa.; E. St. Louis lb. .05¼- .09¼
special, high color, all shades lb. .60 - —
Lake C, toner alizarin, bbls., works lb. 1.05 - —
Lithol toner, bbls., works lb. .65½- .80
Lithol-rubin toner, alizarin lake, bbls., works lb. 1.40 - —
Maroon, alizarin lake, 25%, kgs., works lb. .40 - .43
toner, bbls., works lb. 1.35 - 1.50
Red, maroon, cadmium, deep, bbls., works lb. 1.20 - —
regular, bbls., works lb 1.10 - —
Iron oxide, bgs., l.c.l., works lb. .04 - —
MNPA toner, kgs., works lb. 3.25 - —

Maroons in smaller pkgs., 5c. per lb. higher.

Mercury oxide, tech., bbls., 10,000 lbs., works lb. 2.00 - —
smaller lots, works lb. 2.02 - —
Metallic, bbls., works lb. .02½- .02¾
Oxide (see Red, iron oxide).
Persian gulf, bgs., works lb. .06¾- .07
Para toner, bbls lb. .80 - —
Phloxin toner (see Red, eosin toner).
Phosphotungstic, rhodamine Y, kgs., works lb. 6.45 - —
Pink lake, alizarin, bbls., works lb. .20 - .25
Purple lake, kegs lb. 1.35 - —
Rose lake, alizarin, bbls., works lb. .25 - .28
Spanish oxide, grade 1, bbls., c.l., ex dock lb. .05½- .05¾
l.c.l., ex dock lb. .05¾- .06
ex whse., New York lb. .06½- —
grade 2, bbls., c.l., ex dock lb. .05¼- .05½
l.c.l., ex dock lb. .05½- .05¾
ex whse., New York lb. .06¼- —
Toluidin toner (MNPT), kgs., works lb. .96 - 1.30
Turkey, bbls., works lb. .14½- —
Tuscan, bbls., frt equald lb. .24½- .25
Venetian, 15%, bgs., works lb. .0350 - —
20%, bgs., works lb. .0360- —
25%, bgs., works lb. .0410- —
30%, bgs., works lb. .0440- —
35%, bgs., works lb. .0465- —
40%, bgs., works lb. .0490- —
Vermilion, Amer., bbls lb. .32 - —
Quicksilver ctns lb 2.27 - —
Red KB base (see chloro(4)-2-toluidine).
Red Precipitate, NF powd., dms lb. 2.19 - 2.21
Red saunders wood, powd., bbls lb. .50 - —
Rennin, NF lb. 6.50 - —
Resorcinol, resin grade, dms., c.l., works lb. .71 - —
l.c.l., works lb. .72 - —
tech., dms., c.l., works lb. .74 - —
l.c.l., works lb. .75 - —
USP, cryst., dms., works lb. 2.50 - —
powd., dms., works lb. 2.70 - —
Monoacetate, NF, dms lb. 3.25 - 3.45
Rhatany root, bgs lb. .15 - .16
Rhodinol, 5-lb. cns lb. 42.00 -45.00
Rhubarb root, China, whole, cs. lb. .80 - .85
powd., bbls lb. .85 - .90
India, whole, bgs lb. .40 - .45
powdered, bbls lb. .50 - .55
Riboflavin, USP, bbls., dlvd kilo. 125.00 - —
Readily soluble, bots., dlvd kilo. 125.00 - —
Rice bran concentrate, dms., Cedartown, Ga lb. .79 - —
Rochelle salt, USP, gran., powd., dms., 5,000 lbs. lb. .31 - —
smaller lots lb. .31½- .36½
Rose flowers, pale, bls lb. .40 - .45
Rosemary flowers, bls lb. 1.55 - 1.65
Leaves, French, bls lb. .12 - .12½
Portuguese, bls lb. .07 - .07½
Spanish, bls lb. .07¼- .07½
Rosin gum (see Naval Stores, Protective Coatings market).
Wood, B, dms., c.l., works 100 lbs. 3.50 - —
FF, dms., c.l., works 100 lbs. 5.00 - —
G, H, I, dms., c.l., works 100 lbs. 6.40 - —
K, dms., c.l., works 100 lbs. 6.40 - —
M, dms., c.l., works 100 lbs. 6.40 - —
N, dms., c.l., works 100 lbs. 6.45 - —
WG, dms., c.l., works 100 lbs. 6.50 - —
WW, dms., c.l., works 100 lbs. 6.70 - —
X, dms., c.l., works 100 lbs. 6.80 - —
Rotenone, CP, bbls., works lb. 20.00 - —
tech., works lb. 16.50 - —
Rottenstone, bgs., c.l., mines ton. 36.00 - —
l.c.l., mines ton. 43.00 - —
Rue herb bls lb. .35 - .40
Rutin, 10 kilos, fib., dms gram. .02¼- .03¼
smaller lots, fib. dms gram. .02¾- .03¾
Ryania, 100% powd., bgs., works lb. .20 - —

S

Sabadilla seed, powd., bbls lb. .70 - —
activated ground with lime, bbls lb. .40 - —
Saccharin, USP gran., soluble, dms., 1,000-lb. lots lb. 1.50 - —
smaller lots lb. 1.60 - 1.70
powd., soluble insoluble, dms., 1,000-lb. lots lb. 1.55 - —
smaller lots lb. 1.65 - 1.85
Safflower, Egyptian, bls lb. .65 - .70
Saffron, Mexican bls lb. .95 1.00
Spanish, USP, tins lb. 18.00 -18.50
Safrol, dms. lb. .85 - 1.10
Sage, Cyprus, bales lb. .12 - .13
Dalmatian, bls lb. 1.25 - 1.30
Greek, fancy, bls lb. No stocks.
Spanish, bls lb. .16 - .16¼
Syrian, bls lb. .16 - .16½
Sago flour, bgs lb. .07½- .07¾
Sal soda (see Soda sal).
Saligenin, ctns lb. 14.00 -25.00
Salol, NF, gran., bbls., kgs lb. 1.00 - —
fib. dms lb. 1.02 - 1.03
powdered salol, 10c. higher
Salt, rock, burlap bgs., c.l. 100 lbs. .98 - —
l.c.l. 100 lbs. 1.19 - 1.22
paper bgs., c.l. 100 lbs. .88 - —
l.c.l. 100 lbs. 1.09 - 1.13
Table, vacuum, common, fine, bgs., c.l., works 100 lbs. 98 - 1.08
l.c.l., dlvd. 100 lbs. 1.20 - 1.32
Saltcake, dom., bulk, works, 100% Na_2SO_4 basis ton. 15.00 - —
Saltpeter, cryst., bbls., 10 tons. 100 lbs. 13.90 - —
smaller lots 100 lbs. 14.15 -14.40
gran., bbls., 20 tons 100 lbs. 9.25 - —
smaller lots 100 lbs. 10.50 -11.00
powd., bbls., 20 tons 100 lbs. 10.25 - —
smaller lots 100 lbs. 11.50 -12.00
NF, gran., dms lb. 15¾- .17¾

Saltpeter in bags, 25c. per 100 lbs. less than in barrels; in kegs, $1 more.

Sandarwood chips, East Indies, bgs., lb. .65 - .66
powd., dms. lb. .75 - .76
Sanguinarine nitrate, bots oz. 4.75 - 5.50
Santonin, NF cryst., powd., cns. kilo. No stocks.
Saponin No. 1, cns lb. 2.45 —
Sarsaparilla root, dom., bls. lb. .30 - .40
Honduras, bls. lb. .40 - .45
Mexican, bls lb. .30 - .32
Sassafras bark, ord., bls lb. .35 - .40
select, bls lb. .50 - .55
Savory, French, bls lb. .11 - .11½
Spanish, bls. lb. .10 - .10½
Saw palmetto berries, bgs lb. .26 - .35
Scammony resin, lump, cns lb. 1.95 - 2.20
powd., cns. lb. 2.05 - 2.30
Root, bgs lb. .11 - .14
Schaeffer's salt, bgs., frt. alld lb. .73 - —
Scopolamine hydrobromide, bots oz. 16.00 -17.00
Hydrochloride, bots oz 84.00 —
Seidlitz mixture, bbls., 5,000 lbs. lb. .26¾- —
smaller lots lb. .27¼- —
dms., 100 lbs. or less lb. .28¼- .32½
Selenium, powd., cns., 10-lb lots lb. 2.35 - —
cs., 1,000-lb lots lb. 2.25 - —
Senega root, bls lb. 2.20 - 2.50
Senna leaf, Alex., half-leaf, bls. lb. .16 - .18
sifting, bgs. lb. .16 - .18
Tinnevelly, No. 1, bls lb. .20 - .24
No. 2, bls lb. .16 - .20
No. 3, bls lb. .13 - .14
powdered, bls., bxs lb. .20 - .24
Pods, bls lb. 12 - 15
Serpentaria root, bls lb. 3.25 - 3.30
Sesame seed, Chinese, white, natural, bgs. lb. .15½- .16
hulled, bgs. lb. .18 - .18½
Nicaragua, hulled lb. .22 - .25
natural, bgs lb. .18½- .19
Salvadorean lb. .13 Nom.
Shellac, bleached, bonedry, bgs., 1,500-lb. lots lb. .51½- —
bbls., 1,500-lb. lots lb. .52 - —
kgs., 1,500-lb. lots lb. .54 - —
refined, bgs., 1,500-lb. lots lb. .61½- —
bbls., 1,500-lb. lots lb. .62 - —
kgs., 1,500-lb. lots lb. .64 - —

Bonedry shellac prices for less than 1,500 lbs., 1c. per lb. higher for all packages.

Lemon, No. 1, bgs lb. .50 - .51
No. 2, bgs lb. .48 - .49
Superfine, bgs., 10 bgs lb. .46 - .47
TN, bgs., 10 bgs lb. .44 - .45

Shellac in 1 to 9 bgs., 1c. more.

Silica, amorph., dry-grd., 325 mesh, bgs., c.l., Ill. works ton. 20.00 -30.00
l.c.l., works ton. 25.00 -40.00
hard-quartz, 99½%, 325 mesh, bgs., c.l., works ton. 20.00 - —
l.c.l., works ton. 25.00 - —
140 mesh, bgs., c.l., works ton. 12.00 - —
l.c.l., works ton. 17.00 - —
Tetrachloride, tech., dms., c.l., works lb. .14½- —
l.c.l., works lb. .18½- .20½
Silver bullion, ingots, cs oz. .72¾- —
Cyanide, fib. dms., 2,500-oz. lots. oz. .66⅜- —
1,000-oz. lots oz. .66⅝- —
500-oz. lots ob. .66⅞- —
100-oz. lots oz. .67⅛- —
Nitrate, CP, cryst., bots., 2,500-oz. lots oz. .46½- —
1,000-oz. lots oz. .47¾- —
500-oz. lots oz. .48½- —
250-oz. lots oz. .48¾- —

USP granular silver nitrate, 4c. per oz. higher.

● BICHROMATE of SODA

● BICHROMATE of POTASH

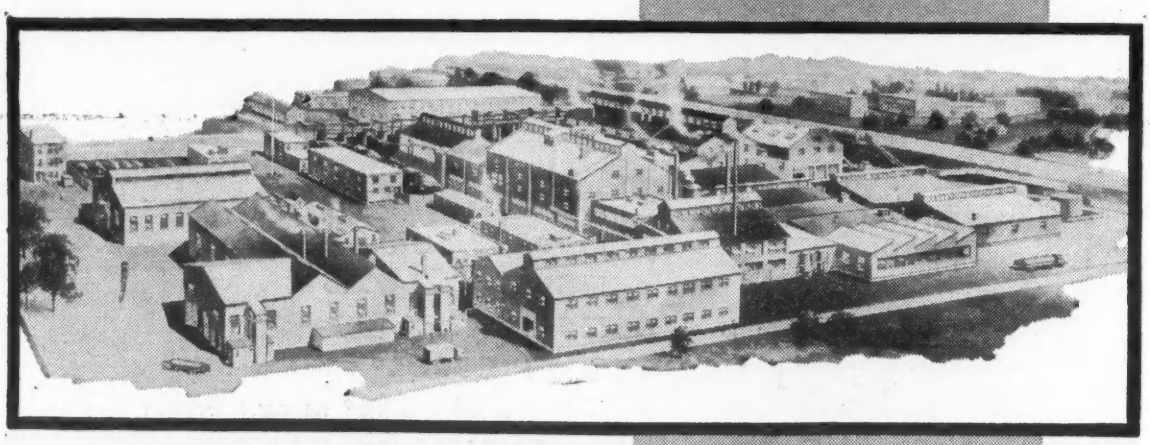
● SODIUM SULPHATE

● SODIUM CHROMATE

OVER FORTY YEARS OF PROGRESS

"BUY CROW-MATES"

QUALITY AND UNIFORMITY



NATURAL PRODUCTS REFINING COMPANY

SOLE MFRS. BICHROMATES SINCE 1808 Natural CHROMIUM PRODUCTS NATURAL PRODUCTS REFINING CO. JERSEY CITY, NEW JERSEY

JERSEY CITY 5, N. J.

Silver, proteinate, mild, USP, bots., dms., 1,000-oz. lots oz. .95 - —
strong, NF, bots., dms., 1,000-oz. lots oz. .90 - —
Simaruba bark, bls lb. .85 Nom.
Skullcap herb, Eastern, bls lb. .60 - .65
Western, bls lb. .30 - .35
Skunk cabbage root, bls lb. .30 - .35
Slate flour, bgs., c.l., works ton 11.00 -12.00
l.c.l., ex whse ton 20.00 -60.00
Sloe berries, bgs lb. .18 - .30
Smalt, black, ctns lb. .11½- —
Blue, ctns lb. .15½- —
Snakeroot, Canada, bls lb. .50 - .55
Soapbark, bls lb. .23 - .27
crushed, bls., bbls lb. .28 - .35
cut, bbls lb. .28 - .35
powd., bbls lb. .29 - .35
Soda ash, dense, 58%, paper bgs., c.l., works 100 lbs. 1.45 —
l.c.l. stock points 100 lbs. 2.85 4.62
bbls., c.l., works 100 lbs. 1.95 —
l.c.l. stock points 100 lbs. 3.35 5.12
bulk, c.l., works 100 lbs. 1.20 —
light, 58%, paper bgs., c.l., works 100 lbs. 1.35 —
l.c.l., stock points 100 lbs. 2.75 4.52
bbls., c.l., works 100 lbs. 1.85 —
l.c.l., stock points 100 lbs. 3.25 5.02
bulk, c.l., works 100 lbs. 1.10 —
flake, powd., 76%, dms., c.l., works 100 lbs. 3.60 - —
l.c.l. stock points 100 lbs. 4.95 6.77
liquid, 50%, sellers tanks, works, dry basis 100 lbs. 2.40 - —
rayon-type, tanks, works, dry basis 100 lbs. 2.50 - —
70% sellers tanks, works, dry basis 100 lbs. 2.50 - —
rayon-type, tanks, works, dry basis 100 lbs. 2.60 - —
solid, 76%, dms., c.l., works 100 lbs. 3.20 - —
l.c.l. stock points 100 lbs. 4.55 6.42
Sal, bgs., c.l., works 100 lbs. 1.40 - —
l.c.l., works 100 lbs. 1.70 - —
Soda-lime, USP dms lb. .23 - .25
Sodium acetate, anhyd., dms., works. lb. .10 - .11½
NF, cryst., bbls., works lb. .16 - —
powder, bbls., works lb. 08 - .09
Alginate, refined, water soluble, bbls., works lb. .79 - —
semi-refined, bbls. works lb .46 - —
NF, white, powd. dms., works, ton lots lb 1.25 - —
Aluminate, 20,000 lbs. or more, bgs 100 lbs. 8.50 - —
under 20,000 lbs., works 100 lbs 9.50 - —
Antimoniate, bbls., c.l., dlvd. E lb. .26 - —
l.c.l., dlvd lb. .27 - —
Arsenate, dealers, dms., c.l., works. lb.* .12 —
Arsenite, dealers, dms., works lb. No stocks.
solution, dms., works gal. .60 1.00
Benzoate, tech., bbls., dms., 100 lbs. or more lb. .39 - —
USP, bbls., dms., 100 lbs. or more lb. .46 - —
smaller lots lb. 1.30 - 1.65
Bicarbonate, USP, gran., bgs., c.l., works 100 lbs. 2.50 - —
l.c.l., works 100 lbs. 3.15 - —
powd. bgs. c.l. work. 100 lbs. 2.10 - —
l.c.l., works 100 lbs. 2.75 - —
Bichromate, bgs., c.l., works lb. .10½- —
l.c.l., same basis lb. .10¾- .11½
Sodium bichromate, in drums, ¾c. higher.
Bifluoride, bbls., c.l., works, frt. equald lb. .13¼- —
l.c.l., same basis lb 13½- —
Bisulphate, bulk, c.l., works 100 lbs. 2.00 - —
dms., c.l., works 100 lbs. 2.65 - —
l.c.l., works 100 lbs. 3.15 - —
Bisulphite, powd., bgs., c.l., works. 100 lbs. 3.75 - —
l.c.l., works 100 lbs 4.00 - —
solut. 35° bbls., c.l., works 100 lbs. 1.10 - —
l.c.l. works 100 lbs 1.50 - —
Borate (see Borax).
Bromide, USP, bbls., kgs., works. lb. .34 - .35
Cacodylate, NF, jars, dms lb 7.00 8.00
Carbonate, anhydrous (see Soda ash).
crystalline, monohydrated, bgs., c.l., works 100 lbs. 2.65 - —
l.c.l., works 100 lbs. 3.05 - —
Chlorate, cryst., dms., c.l., works lb. .08 - —
l.c.l., works lb. .08¼- —
powd., kgs., works lb. .09½- —
Chloride, tech. (see Salt).
USP, dms lb. .21 - —
Chlorite, tech., dms. works lb. 75 - —
Chloroacetate, tech., dms., c.l., works lb. .20 - —
l.c.l. dms. works lb .21 .22
Chromate, dms., c.l., works lb. .12¼- —
l.c.l., same basis lb. .12½- .13¼
Citrate, anhyd., dms lb. .60 - .65
USP VIII, anhyd., dms lb. .23 - .28
USP XIII, gran., dms lb .28 .32
Sodium citrate USP XIII, powd. prices ½c. higher
Cyanate, dms., 1,000 lbs., works. lb 1.10 - —
smaller lots, works lb 1.25 - —
Cyanide, 96-98% dms lb. .16 .18
Diacetate, 33-35% acidity, bbls., works lb. .11½- .12½
anhydrous, dms., works lb .14 .15½
Fluoride, white, 90%, bbls., c.l., works lb. .10½- —
l.c.l., works lb. .10¾- .11
95%, bbls., c.l., works lb 10¾- —
l.c.l., works lb .11 - —
Fluoracetate, monobasic, 8-oz. tins, 50 to a case, works lb. 12.00 - —
2 to 25 tins to case, works lb. 12.00 -16.50
1 oz. tins, 16 to 64 to case, works lb. 16.50 -21.00
tribasic, ton lots lb. 11.00 - —
Formate, bgs., c.l., dlvd 100 lbs. 7.10 - —
l.c.l. 100 lbs 8.15 —
Gluconate, dms lb .83 .85
Glutamate, monobasic, dms., c.l., dlvd lb. 1.53 - —
smaller quantities, dlvd lb 1.54 1.56
Glycerophosphate, NF, cryst., bbls. lb. 1.80 - 1.95
powder, bbls lb. 1.85 - 2.00
solution, 75%, cbys lb. 1.06 - 1.11
Hydride, dms., works lb 2.00 3.00
Hydrosulphide (see Sodium sulphydrate).
Hydrosulphite, dms., c.l., frt. alld. lb. .22 - .23½
l.c.l., frt. alld lb. .22½- .24½
Hydroxide, tech. (see Soda, caustic).
USP pellets, dms lb .23 - —
Hypophosphite, NF, ton lots and less, dms. lb. .85 - .88
Hyposulphite, photographic, bgs., 5,000-lb. lots, Metro. area 100 lbs. 4.10 - —
tech., cryst., bgs., c.l., works, frt. equald 100 lbs. 3.75 - —
l.c.l., same basis 100 lbs 4.10 - —
pea, bgs. 100 lbs 3.90 4.85
gran., bgs., c.l., works 100 lbs. 4.00 - —
Sodium, hyposulphite, crystals in bbls., 50c. higher.
Use Sodium thiosulphate).
Iodide, USP, bots., dms lb. 2.47 - 2.59
Lactate, edible, 50%, dms., cbys., works lb. .19 - —
60%, dms., cbys., works lb .24 - —
tech., 50%, dms., cbys., works. lb. .13 - .14

Sodium metaborate, octa-hydrate, gran., bgs., c.l., works ton. 73.00 - —
t.c.l., works ton. 118 00 -123.00
tetrahydrate, c.l., bbls., works ton. 184.50 —
Sodium metaborate in bbls. $20 per ton higher.
Metal, tanks, works lb. .16 - —
bricks, dms., works lb. .17 - .18
Metasilicate, anhyd., bgs., c.l., works 100 lbs. 4.35 - 4.60
l.c.l., works 100 lbs. 4.60 - 5.00
dms., c.l. 100 lbs. 4.60 - 4.85
l.c.l. 100 lbs. 4.85 - 4.95
pentanydrate, bgs., c.l., works frt. equald 100 lbs. 3.75 - —
l.c.l., bgs., works 100 lbs. 4.15 - 4.65
dms., c.l., works 100 lbs. 4.15 - —
l.c.l., bbls., works 100 lbs. 4.55 - —
Molybdate, anhyd., bbls., works lb. .60 - —
Monohydrate (see Sodium carbonate, monohydrated).
Napthionate, bbls lb. .66 - —
Nitrate, crude, dom., bgs., c.l., works ton. 48.50 - —
bulk, c.l., works lb 45 00 —
imp. 100-lb. bgs. c.l. Atl Gulf, Pac whse ton. 51 50 - —
bulk, c.l. same basis ton. 48 00 - —
Nitrite, 99½% bbls., c.l., works, frt. equald lb. .07¼- —
t.c.l., same basis lb. 06¾- —
USP dms lb 21 —
Orthosilicate, anhyd., dms., c.l., works 100 lbs 5.25 —
t.c.l. same basis 100 lbs 5.55 7.10
hydrated flake bbls. c.l. works. 100 lbs 4.25 —
t.c.l. works 100 lbs 5 50 5.75
Oxalate, neut., bgs., works lb .09½- —
Para-aminobenzoate, dms., 1,000 lbs. or more lb 3.50 - —
smaller lots lb 3.63 - —

Sodium para-aminosalicylate, dms., 1,000 lbs. or more lb. 5.25 - —
smaller lots lb. 5.30 - 6.25
Pentachlorophenate, briquets, bgs., c.l., works, frt. equald lb. .21½- —
t.c.l., same basis lb .22½- .24½
pellets, bgs., c.l. same basis lb. .21 - —
t.c.l., same basis lb. .22 - .24
powd., bgs., c.l. same basis lb. .20 - —
t.c.l., same basis lb. .21 - .23
Truckloads of pentachlorophenate of 20,000 lbs. min. available at ¼c. per lb. over carlot prices.
Perborate, USP, tech., bbls., c.l., works lb. .13½- —
t.c.l. works lb. .19¼- —
Peroxide, dms., c.l., dlvd. E. of Miss lb. .18 - —
t.c.l., same basis lb. .18½- .19
Phenolsulphonate, USP IX, gran., dms lb. .38 - .39
powd. dms lb. 41 .42
Phosphate, dibasic, anhydr., bgs., c.l., works 100 lbs. 6.90 - —
l.c.l., works 100 lbs. 7.30 - —
cryst. bgs. c.l. wor'a 100 lbs. 4.00 - —
t.c.l., works 100 lbs. 4.40 - —
USP, dried, powd. bgs., dms. works lb. .19 - .20½
monobasic, anhyd., bgs., c.l., works 100 lbs. 7.80 - —
l.c.l., works 100 lbs. 8.20 - —
tribasic, cryst., bgs., c.l., wks., frt. equald 100 lbs. 3.90 - —
l.c.l., same basis 100 lbs. 4.30 - —
Sodium phosphates in bbls., 40c higher than bgs
USP (see Sodium phosphate dibasic).

Sodium prussiate, yellow, bgs. lb. .12½- —
Pyrophosphate, acid, bgs., c.l., works, frt. equald 100 lbs. 10.50 - —
ferric, dms., 1,500 lbs. works. lo. .30 - —
smaller lots, works lb. 31 - —
tetrabasic, anhyd., bgs., c.l., works, frt. equald 100 lbs. 7.15 - —
t.c.l., frt. equald 100 lbs. 7.55 - —
Salicylate, USP, dms lb. .61 - .63
Sesquicarbonate, bgs., c.l., works. 100 lbs. 1.95 - —
t.c.l., dlvd. zone 1 100 lbs. 3.70 - 4.10
zone 2 100 lbs 3.96 4.36
zone 3 100 lbs 4.25 4.63
zone 4 100 lbs 4.96 5.35
Sales zones are: (1) All States E. of Miss. R. and N. of south bound of Ky. and Va.; Ala., La., and Miss., south of 31° Tex. E. of 100°; S. of 31° Fla.; also Me., N. H. and Vt., in which there are special county zones: Davenport, Ia. and St. Louis; (2) Ark. E. of 98° Ga.; Iowa (except Davenport), Minn., Mo (except St. Louis), Neb., E. of 98° N. C. S. C., Tenn and Tex. N. of 31° and E. of 100° (except Wichita Falls); also Ala., La. and Miss. No. of 31°; (3) Ark. W. of 96° Kan., Neb. W. of 98°; N. D., Okla., S. D., Tex., W. of 100° (including Wichita Falls excluding El Paso); (4) Ariz., Colo., Idaho, Mont., Nev., N. M., Utah, Wyo., and El Paso, Tex.
bbls. c.l., works 100 lbs 2.45 —
Sesquisilicate, anhy. dms., c.l., works 100 lbs. 5.50 - —
l.c.l., dlvd 100 lbs. 5.60 - —

When You Specify
SOLVAY Products
for Water...
... you get the ultimate in quality—the kind of quality you would expect from America's leading producer of alkalies. But in addition, you get the fast, dependable delivery service which can only come from a company having more than one plant ... and over 200 local stock points from coast to coast. You also get Solvay's exclusive Technical Service ... men specially trained in the water industry.
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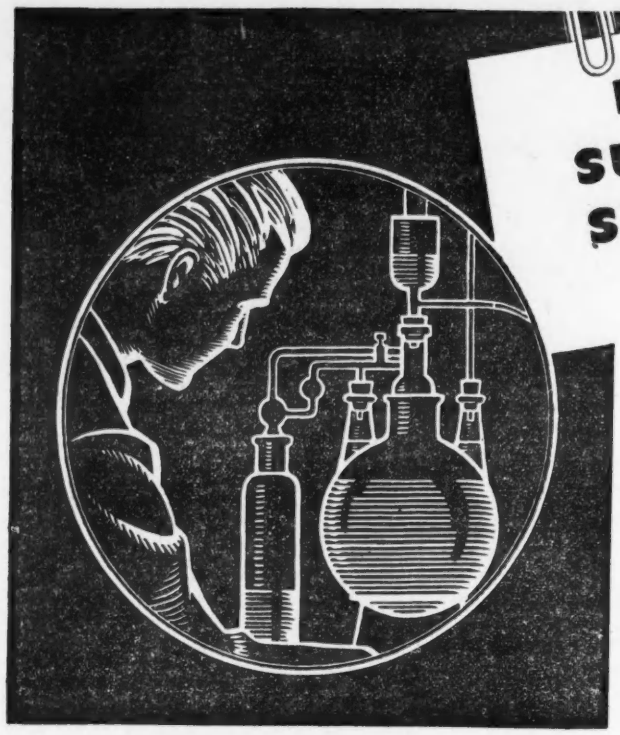
SOLVAY
PRODUCTS for Water Conditioning
LIQUID CHLORINE
SODA ASH
Soda Ash • Caustic Soda • Caustic Potash • Chlorine • Potassium Carbonate • Calcium Chloride • Sodium Bicarbonate • Specialty Cleansers • Sodium Nitrite
Nytron • Ammonium Bicarbonate • Para-dichlorobenzene • Ortho-dichlorobenzene • Monochlorobenzene • Methanol • Ammonium Chloride • Formaldehyde

Sodium Silicate—Sweet Basil

Sodium silicate, liquid, 40°, turbid., dms., c.l., works..100 lbs. 1.10 - —
l.c.l., works..100 lbs. 1.45 - 1.85
tanks, works..ton.17.00 - —
52°, turbid., dms., c.l., works. 100 lbs. 1.90 - —
l.c.l., works..100 lbs. 2.25 - —
tanks, works..ton.33.00 - —
solid, bgs., works..ton.50.00 - —
Silicofluoride, bbls., c.l., works lb. .04½- —
l.c.l., works..lb. .049 - —
Stannate dms, works, frt. alld E. lb. .569 - .623
Stearate, USP, anhyd., bbls., works lb. .51 - .56
Sulphanilate, bbls., works lb. .22 - —
Sulphate, NF VII, dried, gran., dms lb. .14½- .16½
tech. annyd. bgs. c.s. works. 100 lbs. 2.00 - —
l.c.l., works 100 lbs 2.35 2.60
cryst. (see Glauber's salt)
USP, cryst., bbls lb .17 - .19
gran., bbls lb .17 - .17½
Sulphide, flake, bbls., c.l., works, frt. equald 100 lbs. 4.50 - —
l.c.l., same basis 100 lbs. 5.00 5.25
fused, bbls., c.l., works, frt. equald 100 lbs 4.00 - —
l.c.l. same basis 100 lbs 4.50 - 4.75
Sulphite, annyd., by-product, powd., bgs., c.l., frt. equald 100 lbs. 2.50 - 2.75
l.c.l., same basis 100 lbs. 3.25 - 3.75
regular, powd., bbls., c.l., works 100 lbs. 6.50 - —
l.c.l., same basis 100 lbs. 7.00 - —
crystals, bgs., c.l., works 100 lbs. 4.10 - —
l.c.l., works..100 lbs. 4.50 - 4.75
bbls., c.l., works..100 lbs. 4.50 - —
l.c.l., works..100 lbs. 4.90 - —
Sulphocyanide, CP (see Sodium thiocyanate).
Sodium sulphoricinoleate, bbls.. lb. .51 - .61
Sulphydrate, flake, 70-72%, dms., c.l lb. .05¾- —
l.c.l., works..lb. .06¼- —
liquid, 45% basis 100%, tanks, works ton.90.00 - —
Tetrasulphide, liquid, 40%, dms., c.l., works lb. .03 - —
l.c.l., works..lb. .03¼- —
Thiocyanate, CP, dms..lb. .55 .65
tech., dms., works lb 30 —
Thiosulphate, tech. (see Sodium hyposulphite).
USP, cryst., bbls lb. .10 .12
Titanate, ctns., c.l., works..lb. .10 - —
5 tons, works lb. .10¼- —
1 ton or less, works..lb. .10½- .11
Trichloroacetate, dms. lb. .46 - .55
Tripolyphosphate, bgs., c.l., works, frt. equald ..100 lbs. 7.40 - —
l.c.l., same basis..100 lbs. 7.80 - —
Tungstate, tech., kgs., dlvd. East lb. 1.25 - —
Sodium-ammonium phosphate, bbls., works, frt equald lb .23 - —
Sodium-carboxymethylcellulose—See CMC
Sodium-Cinchophen (see Cinchophen-sodium).
Sodium-formaldehyde sulfoxylate dlvd., dms lb 22 - .22½
Sodium-sulpha drugs (see Sulpha name)
Sodium-titanium fluoride, fib dms, c.l., works lb. .16½- —
l.c.l. works lb. .17½- .20
Sodium-zirconyl sulphate fiber dms., 1,000 lbs. or more, works lb. .28 - —
less 1,000 lbs. same basis lb .30 - —
Solvent naphtha, coal tar, tanks, works gal. .28 - .31
high-flash, tanks, works gal. .28 - .31
Petroleum, 100° F., flash, tanks, Baytown, Tex gal. .28 - —
Bayonne gal. .32 - —
150° F. flash, tanks same basis-gal. .28 - —
Sorbitan monostearate, fib. dms., 20,000 lbs., works lb. .30 - .31
10,000 to 20,000 lbs., works lb. .32 - .33
smaller lots, works..lb. .35 - .38
tristearate, fib. dms., 20,000 lbs. works lb. .30 - —
10,000 to 20,000 lbs., works lb. .32 - —
smaller lots, works..lb. .35 - .37
Sorbitol, cryst., pellets, dms., c.l., works lb. .30 - —
ton lots to 5 tons, works, lb. .32 - .33
powd., dms., ton lots to 5 tons, works lb. .38 - .39
solution, commercial, aqueous, dms., c.l., works lb. .22¼- —
ton lots, works lb. .23¼- —
less ton lots, works lb. .24 - —
tanks, works lb. .21¼- —
regular, 70%, aqueous, dms., c.l., works lb. .16¼- —
ton lots, works lb. .17 - —
less ton lots, works lb. .17½- —
tanks, works lb. 15½- —
Soybean meal, 41% bulk, Decatur. ton.53.00 -55.00
50%, same basis..ton.67.50 - —
protein, chemically isolated, 40,000 lbs., dlvd lb. .24 - —
20,000 lbs., same basis lb. .24¼- —
smaller lots, same basis lb. .24½- .28
mechanically refined, bgs., 40,000 lbs., same basis lb. .0600- —
20,000 lbs., same basis lb. .0615- —
smaller lots, same basis lb. .0630- —
Sparteine sulphate, ens..oz. .85 1.25
Spearmint leaves, bls..lb. .60 - .65
Spikenard root, bls..lb. .36 - .40
Spruce extract, liq., reg., tanks, works lb. .01¾- —
powd., super, bgs., c.l., works. lb. .05¼- —
Squaw vine leaves, bls..lb. .30 - .35
Squill, red, fortified, powd., bots. boxes..lb. 1.60 - —
White, bls..lb. .11 - .13
powd., bbls., bxs..lb. .16 - .18
St. Ignatius beans, bgs..lb. No stocks
St. John's bread, edible, bls..lb. .13 - .18
Stainless steel flake, dry, dms., works lb. 1.50 - —
paste, dms., works..lb. 1.25 - —
Stannous chloride (see Tin chloride, stannous).
Star root (see Helonias root).
Stargrass root (see Aletris root).
Starch, corn, pearl, paper bgs., c.l., 100 lbs. 5.97 - —
Chicago..100 lbs. 5.32 - —
l.c.l..100 lbs. 6.12 - —
powd., paper bgs., c.l..100 lbs. 6.08 - —
Chicago..100 lbs. 5.43 - —
l.c.l..100 lbs. 6.23 - —
Prices for corn starch in cotton bags, 12c. to 15c. per 100 lbs. higher.
Potato, Idaho, bgs., c.l., works..lb. .05¼- —
Maine, bgs., c.l., works..lb. .05¼- —
l.c.l., spot..lb. .07½- .07¾
Rice, bgs..lb. .10¾- .11
Sweetpotato, bgs., c.l..lb. No stocks
Wheat, bgs..lb. .0606- 0628
Stavesacre seed, bgs..lb. .60 .81
Stearin, oleo (see Oleostearin).
Stillingia root, bls..lb. .35 .38
Stoneroot, bls..lb. .07½- .08
Storax, USP, cs..lb. 1.50 - 1.60
Stramonium leaves, bgs..lb. .22 - .24
Seed, bgs..lb. .20 - .21
Streptomycin, hospitals, vials..gram. .60 - —
wholesalers, vials..gram. .48 - —
Strontium bromide, NF, ens., dms., lb. .67 - —
Carbonate 90% dms..lb. .15½- .16½
Chloride, tech., bbls..lb. .22 - .24
Chromate, bbls., works..lb. .50 - —
Iodide, jars, 25 lbs..lb. 3.60 - —
Nitrate, bbls., c.l., works..lb. .09¼- —
t.c.l. works..lb. .10¼- —
Oxalate, bbls., works..lb. 42 .44
Salicylate, NF, dms..lb. 1.65 - —
Sulphate air-floated, 90% 325 mesh, bgs., works ton.56.70 -66.15
Strontium-calcium sulphide phosphorescent, dms., works lb 4.50 - 2.85
Strophanthin, NF, bots..oz.39.00 - —
Strophanthus seed, Kombe, bgs lb. 3.00 - 3.25
Strychnine NF powd. ens. 100 ozs. oz. 1.25 - —
Phosphate, NF, 100 ozs..oz. 1.14 - —
Sulphate, USP, powd., ens., 100 ozs oz. 1.00 - —
Styrene, monomer, dms., c.l., works. lb. .17¾- —
l.c.l., works..lb. .18¾- —
tanks, works..lb. .16½- —
Styroly acetate, bots..lb. 2.50 3.10
Sucrose octa-acetate, denat., bbls., l.c.l., works lb. .60 - —
tech. bbls., l.c.l. works lb. .55 - —
Sugar coloring (see Caramel coloring)
Sugar of milk (see Milk sugar)
Sulphabenzamide, dms..lb 4.25 - 4.60
Sulphabenzamide-sodium, dms lb 4.25 - 4.60
Sulphadiazin, USP, crystals, free flowing, dms lb.11.25 -11.75
microcrystals, 99%, not over 10 microns, dms lb.10.50 -11.00
powder..lb.10.25 -10.75
Sulphadiazin-sodium, USP, granules, free flowing, dms lb.12.25 -12.75
powder..lb.11.25 -11.75
Sulphaguanidin, USP, dms..lb. 4.50 - 5.00
Sulphamerazin, USP, micro crystals, 99.9% not over 10 microns, dms lb.10.55 -11.05
powder, dms..lb.10.25 -10.75
Sulphamerazin-sodium, USP, dms., lb.11.25 -11.75
Sulphamethazine, micro crystals lb. 8.80 - 9.30
powder..lb. 8.50 - 9.00
Sulphanilamide, USP, crystals, free flowing lb. 1.15 - 1.35
microcrystals..lb. 1.30 - 1.50
powder..lb. 1.05 - 1.25
Sulphanilamidoquinoxaline, veterinary, dms lb. 9.00 - 9.25
Sulphapyridin, NF, powd., bots, tins, lb. 7.00 - 7.50
Sulphapyridin-sodium, powd., bots., dms lb. 7.50 - 8.00
Sulphathiazole, USP, crystals, free flowing lb. 3.50 - 4.00
micro crystals, 99.9%, not over 10 microns, dms lb. 3.25 - 3.55
powder, dms..lb. 3.00 - 3.30
Sulphathiazole-sodium, USP, dms., lb. 3.00 - 3.30
Sulphur, commercial, flour, bgs., mines..100 lbs. 1.65 - —
bbls., mines..100 lbs. 2.30 - —
lump, bgs., mines..100 lbs. 1.50 - —
bbls., mines..100 lbs. 1.80 - —
crude, bulk, c.l., mines, contract long ton.18.00 - —
f.o.b. vessels, Gulf ports, ex-port long ton.22.00 -24.00
domestic and Canada long ton.19.50 - —
flowers, USP, bgs., mines 100 lbs. 3.50 - —
bbls..100 lbs. 4.65 - —
precipitated, USP, bbls., imported. lb. .20 - .24
refined, flour, light, bgs., mines 100 lbs. 3.15 - —
bbls., mines..100 lbs. 4.05 - —
lump, bgs., mines..100 lbs. 2.70 - —
roll, bgs., mines..100 lbs. 3.15 - —
bbls., mines..100 lbs. 3.60 - —
salt block, bgs., mines..100 lbs. 2.90 - —
virgin block, bbls., mines 100 lbs. 2.85 - —
rubbermakers, com'l, regular, bgs., mines..100 lbs. 1.95 - —
bbls., mines..100 lbs. 3.10 - —
98-100% passing through 325 mesh, bgs., mines..100 lbs. 2.05 - —
bbls., mines..100 lbs. 3.20 - —
refined, bgs., mines..100 lbs. 2.55 - —
bbls., mines..100 lbs. 3.60 - —
treated, 2.5% mineral oil, bgs., mines..100 lbs. 2.35 - —
bbls., mines..100 lbs. 3.60 - —
10% pine tar treated, bgs., mines..100 lbs. 3.55 - —
washed, NF, bot..lb. .31 - —
Sulphur chloride, mono, 55-gal. dms., c.l., frt. equald lb. .03¼- —
l.c.l., same oasis..lb. .04¼- —
tanks, same basis..lb. .03 - —
Dioxide, liquid, com'l, cyls., works lb. .09 - —
multi-unit cars, works lb. .0535- —
tanks, works lb. .045 - —
refrigeration, cyls., l.c.l., dlvd..lb. .20 - .36
Sumac bark, 28%, grd., bgs., ex-dock..ton.65.00 Nom.
Extract, No. 1, bbls., 25%..lb. .12½- —
No. 2, bbls., 25%..lb. .11 - —
crystals, bbls..lb. .44 - —
stainless, bbls..lb. .14 - —
Leaf, 28% grd., bgs., ex-dock, ton.67.00 Nom.
Superphosphate, run-of-pile, under 22% a.p.a. pulv., bulk, Baltu..unit-ton. .76 - —
Carteret, N. J..unit-ton. .70 - —
triple, 48% or more, a.p.a., pulv., bulk, East Tampa, Fla.unit-ton. .80 - —
Prices on 48% triple superphosphate in other states and D. C. are per unit-ton plus frt. charges from E. Tampa, Fla. Superphosphate, gran., 2c. per unit-ton higher than pulverized.
Sweet basil, imported, bls..lb. .90 - 1.00



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Sulfapyridine N.F.
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(powder, micro crystal and Calcomites)
Sodium Sulfabenzamide
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Choline Chloride
Choline Citrate, Tri
Choline Dihydrogen Citrate
Choline Bitartrate
Cinchophen N.F.
(and sodium salt)
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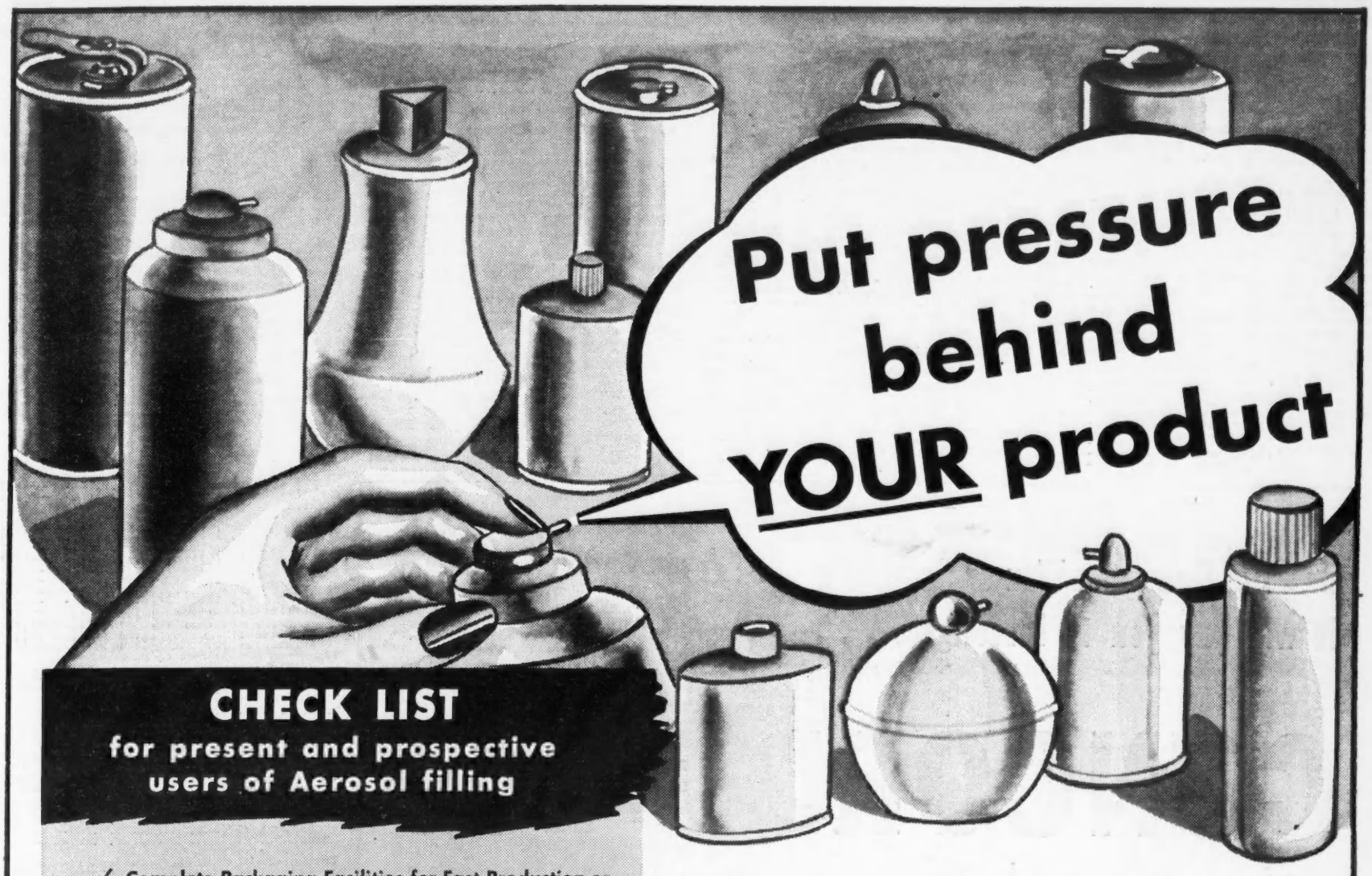

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Talc—Turpentine

T

Talc, dom., ordinary, grd., Calif., bgs., c.l., works ton 25.00 -33.00
Vermont, bgs., c.l., works ton 14.00 - —
l.c.l., works ton 17.50 - —
fibrous, New York, off-color, grd., bgs., c.l., works ton 24.00 - —
l.c.l. ton 26.50 -28.00
98.5-99.5%, 325 mesh, bgs., c.l., works ton 23.00 -28.00
l.c.l., works ton 25.00 -32.00
imp., Canada, grd. bgs., c.l., mines ton 12.50 -35.00
Tallow, edible, dms., c.l. lb. .12 Nom.
inedible, extra, loose, c.l., dlvd lb. .12 - —
fancy, loose, c.l., dlvd lb. .12¼ - —
special, loose, c.l., dlvd lb. .09½ - —
sulphonated, 25%, dms lb. .07 - .07½
50% dms lb. .09½ - .10
Tamarind, W. I. bbls. lb. .10 - .15
kegs keg. 10.00 - —
Tankage, animal feeding, 9-11% ammon, bulk unit-ton 8.50 - —
Chicago unit-ton 9.00 - —
Tansy leaves, bls lb. .28 - .30
Tapioca flour, high grade, bgs. lb. .07½ - .07¾
medium grades, bgs. lb. .07 - .07¼
low grades, bgs. lb. .06 - .06¼
Java, bgs lb. No stocks.
Tar acid oil, 15-18%, dms., c.s., frt. equald. gal. .43½ - —
l.c.l., same basis gal. .46½ - —
tanks, same basis gal. .35½ - —
25-28%, dms., c.l., works gal. .50½ - —
l.c.l., same basis gal. .53½ - —
tanks, same basis gal. .42½ - —
50-53%, dms., c.l., same basis. gal. .68 - —
l.c.l., same basis gal. .71 - —
tanks, same basis gal. .60 - —

Tar, coal (see Coaltar).
Pine (see Pinetar).
Tara pods, bgs., c.l., ex dock U. S. ports long ton. No prices.
powd., bgs., c.l., same basis long ton. 225.00 Nom.
Tarragon herb, bgs. lb. .45 - .50
Leaves, bgs. lb. .75 - .80
Tartar emetic, tech., gran. or powd., bbls., kgs. lb. .49 - —
dms. lb. .50 - .54
USP, powd., bbls., dms., kgs. lb. .52 - .53
Terpin hydrate, com'l, bbls., c.l. lb. .24½ - —
l.c.l. lb. .25 - .25½
NF, cryst., bbls., dms lb. .75 - —
powd., bbls., dms lb. .80 - —
Terpineol, Alpha (see A).
com'l, dms., c.l., South lb. .13½ - —
l.c.l., South lb. .14 - —
tanks, South lb. .13 - —
prime, dms lb. .33 - .60
Terpinglycol ether, dms., c.l., works. lb. .19½ - —
l.c.l., works lb. .20 - —
tanks, works lb. .19 - —
Terpinyl acetate, extra, cns., dms lb. .60½ - .70½
prime, dms lb. .39 - .50
Terra alba (see Gypsum).
Testosterone, USP, 100 gms., bots. gm. 3.75 - —
Propionate, USP, 100 gms., bots., gm. 3.75 - —
Tetrachloroethane, dms., works lb. .08 - .08½
Tetrachloroethylene, USP, 55-gal. dms., works lb. .20½ - .21½
smaller dms., works lb. .23½ - .25
tech. (see Perchloroethylene).
Tetraethyl orthosilicate, dms., works. lb. .70 - —
Pyrophosphate, 40% cns., dms., works lb. .80 - —

Tetraethylenepentamine, dms., c.l., works lb. .51½ - —
l.c.l., works lb. .52 - —
tanks lb. .50 - —
Tetrapotassium phosphate (see Potassium phosphate).
Tetrasodium pyrophosphate (see Sodium pyrophosphate).
Thallium metal, dlvd lb. 12.50 -15.00
sulphate, 99% bots., dlvd lb. 10.50 -13.00
Theobromine, fib. dms. lb. 5.25 - 5.32
Salicylate, fib. dms lb. 4.40 - 4.45
with sodium acetate, USP, dms lb. 4.05 - 4.10
Sodio-salicylate, fib. dms lb. 3.30 - 3.35
Theophylline, anhyd., or USP, 100-lb dms lb. 5.50 - —
Thiamine hydrochloride, USP, bots., 100 grams kilo. 160.00 - —
Mononitrate, bots. 100 grams kilo. 160.00 - —
Thiocarbanilide, dms lb 40 - .42
Thiodiphenylamine (see Phenothiazine)
Thiouracil, dms. works lb 5.50 5.60
Thiourea, tech., dms., c.l., works lb. .44 - —
l.c.l., works lb. .46 - —
Thorium nitrate cs., works lb 3.50 —
Threonine, dextro - laevo, bots., 100 grams. 115.00 - —
Thyme, French, bgs. lb. .16 - .16¼
Spanish, bls. lb. .08½ - .09
Thymol, kgs. lb. 3.50 - —
Iodide, NF, dms. lb. 6.60 - 6.70
Timbo root (see Cube root).
Tin chloride (stannous), anhyd., dms., works lb. .861 - .871
Crystals, hydrous, bgs., bbls., works lb. .71 - —
Metal lb. 1.03 - —
Oxide, bbls. lb. 1.02½ - 1.03½
Sulphate, stannous, bbls lb. .97 - .99
Tetrachloride, anhyd., dms., works. lb. .60 - .61
Titanium dioxide, anatase, ceramic, bgs., c.l., dlvd lb. .19½ - —
l.c.l., dlvd lb. .20 .20½

Titanium dioxide, chalk - resistant, bgs., c.l., dlvd. lb. .19½ - —
l.c.l., dlvd lb. .20 .20½
plain, bgs., c.l., dlvd lb. .19½ - —
l.c.l., dlvd lb. .20 - .20½
rutile, natural, granular, bgs., c.l., works lb. .05 - —
5-ton lots, works lb. .05¼ - —
milled, bgs., c.l., works lb. .05¼ - —
5-ton lots, works lb. .05½ - —
nonchalking, bgs., c.l., dlvd E. lb. .21½ - —
l.c.l., dlvd. E lb. .22 - .22½
Hydride, cns., works lb. 7.00 8.00
Pigment, calcium-rutile, base, bgs., c.l., dlvd lb. .07½ - .07¾
l.c.l., dlvd. lb. .08 - .08¾
Titanium dioxide and pigment in bbls., ¼c. higher; Pac. coast c.l., dlvd., l.c.l., ex whse. ¼c higher
Tetrachloride, CP, 55 gal. dms lb. .57 - .58
smaller, pkgs., works lb. .65 - 1.22
technical, 5-gal. dms., works lb. .32 - —
smaller pkgs. works lb. 40 - 1.00
Tolu balsam, cns., dms. lb. 3.50 - 3.60
Toluene (see Toluol)
Tolidin base, distilled, kgs. lb. 1.20 - —
Toluol, coaltar, industrial and nitration, tanks, works:—
Bethlehem, Pa. gal. .27 - —
Birmingham dist. gal. .25 - —
Chicago dist gal. .28 - —
Cleveland district. gal. .27¾ - —
Geneva, Utah gal. .21 - —
Hamilton, Ohio gal. .27 - —
Johnstown, Pa. gal. .25 - —
Lackawanna, N. Y. gal. .28 - —
Lone Star, Tex. gal. .26½ - —
Lorain, Ohio gal. .26 - —
Minequa, Colo. gal. .25½ - —
Philadelphia, Pa. gal. .28½ - —
Pittsburgh district. gal. .25 - —
Sparrow's Point, Md. gal. .27 - —
St. Louis, Mo gal. .28 - —
Syracuse, N. Y. gal. No prices.
Terre Haute, Ind. gal. .28½ - —
Wyandotte, Mich. gal. .28 - —
Youngstown, Ohio. gal. .25½ - —
Petroleum, industrial T. tanks, works—
Albany, N. Y. gal. .30 - —
Bayonne, N. J. gal. .30 - —
Baytown, Tex. gal. .28 - —
Chicago, Ill. gal. .30 - —
Detroit, Mich. gal. .30 - —
Philadelphia, Pa. gal. .30 - —
Providence, R. I. gal. .30 - —
Wood River, Ill. gal. .30 - —
Tonga, 50% bark and vine, bls. lb .80 - .95
Tonka beans, Angostura, cks. lb. 1.75 - 1.80
Brazilian, cs lb. 1.00 - 1.15
Surinam, cs. lb. 1.00 - 1.15
Toxaphene, dms., works, c.l. lb. .20 - —
truckloads, works lb. .20 - —
ton to truckloads, works. lb. .23 - —
less than tons, works lb. .26 - —
Totaquine, 100-oz. lots, cns. oz. .42 - —
Triacetin, dms., dlvd. lb. .45 - .46
Tributyl citrate, dms. lb. .41 - .43
smaller containers lb. .46 - .52
Phosphate, dms., c.l., frt. alld lb. .56½ - —
l.c.l., same basis lb. .57½ - —
smaller containers lb. .71 - —
Tributylamine, dms., c.l., frt. alld. lb. .78¾ - —
l.c.l., same basis lb. .79¾ - —
tanks, same basis lb. .77 - —
Trichlorobenzene, dms., c.l., works, frt. alld. lb. .11½ - —
l.c.l., frt. alld lb. .12½ - —
tanks, frt. alld lb. .10 - —
Prices in the West, 1¾c. higher.
Trichloroethane, dms., c.l., works. lb. .13 - —
l.c.l., works lb. .13½ - —
tanks, works lb. .11½ - —
Trichloroethylene, dms., c.l., or truckload, works, frt. equald. lb. .10½ - —
l.c.l., same basis lb. .11¼ - —
tanks, same basis lb. .10 - —
Trichloroethylene, dms., c.l., dlvd. E lb. .11¼ - —
l.c.l., dlvd. E lb. .11¾ - —
tanks, dlvd. E lb. .10¼ - —
Tricholine citrate, 65% solut., ret., cbys., works, frt. adjusted lb. 2.10 - 2.15
Tricresyl phosphate, coaltar, dms., c.l., dlvd. lb. .34 - —
l.c.l., dlvd. lb. .35 - —
tanks, dlvd. lb. .32¼ - —
petroleum, dms., c.l., dlvd. lb. .34 - —
l.c.l., dlvd. lb. .35 - —
tanks, dlvd. lb. .32¼ - —
Triethanolamine, dms., c.l., frt. alld. E. lb. .24¼ - —
l.c.l., same basis lb. .25¼ - —
tanks, same basis lb. .22½ - —
Triethylamine, dms., c.l., works, frt. alld, E. lb. .38 - —
l.c.l., same basis lb. .39 - —
tanks, same basis lb. .36¼ - —
Triethyl citrate, dms lb. .34 - .36
smaller containers lb. .39 - .45
Phosphate, dms., works, c.l. lb. .38 - —
l.c.l., same basis lb. .39 - —
tanks, same basis lb. .37 - —
Triethyleneglycol, dms., c.l., frt. alld., E. lb. .20½ - —
l.c.l., same basis lb. .21½ - —
tanks, same basis lb. .19 - —
Triethylenetetramine, dms., c.l., works. lb. .41½ - —
l.c.l., works lb. .42 - —
tanks lb. .40 - —
Trimethylamine, 25%-40%, dms., c.l., works, frt. equald, 100% basis, lb. .38 - —
l.c.l., works, frt. equald, 100% basis lb. .38½ - —
tanks, works, frt. equald., 100% basis lb. .33 - —
Trimethylhexanol, dms., c.l., works. lb. .29½ - —
l.c.l., works lb. .30 - —
tanks, works lb. .28 - —
Tripentaerythritol, bgs., l.c.l., works. lb. .36 - —
Triphenyl phosphate, bbls., c.l., frt. equald. lb. .33 - —
l.c.l., frt. equald. lb. .34 - —
Triphenylguanidine, bbls., works lb. .90 - —
Tripoli, air-floated, bgs., c.l., works. lb. .0175 - —
double-grd., bgs., c.l., works. lb. .016 - —
single-grd., bgs., c.l., works. lb. .015 - —
Tripropyleneglycol, dms., c.l., frt. alld. lb. .25½ - —
l.c.l., frt. alld. lb. .27½ - —
tanks, frt. alld. lb. .23½ - —
Trisodium fluoroacetate (see sodium fluoroacetate tribasic).
Trisodium phosphate (see Sodium phosphate, tribasic).
Trypsin, 1:25, dms., works. lb. 2.30 - —
1:50, dms., works. lb. 4.25 - —
1:75, dms., works. lb. 5.50 - —
1:100, fib. dms., works. lb. 5.50 - —
Tryptophane, dextro-laevo, fib. cns. works kilo. 207.00 -242.00
Tuba root (see Cube root).
Tungsten metal powd., 99.9%, dms. works lb. 4.50 - 4.75
Turmeric root, Alleppey, bgs. lb. .32 - .35
Haitian, bgs. lb. .10¼ - .10½
Jamaica, bgs. lb. .10½ - .11
Madras, bgs. lb. .16 - .16½
Turpentine, gum (see Naval Stores Protective Coatings market).
Sulphate, ret. dms., East gal. .47 - .56
Wood, dest.-dist., dms., incl., c.l., works, South. gal. .40 - —
l.c.l., same basis gal. .41 - —
N. Y. whse gal. .53 - —
tanks, works, South gal. .27½ - —

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CANDELILLA WAX • REFINED TALL OIL

Turpentine, wood, steam-dist., dms., incl., c.l., works..gal. .50 - —
l.c.l., works South ....gal. .56 - —
ex whse., NYC.....gal. .76 - —
tanks, works.....gal. .42 - —
Tyrothricin, bots. .....gram 1.00 1.10

U

Urethane, USP, dms.....lb. 1.50 - —
Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, bgs .....lb 2.55 - —
yellow, kgs. .....lb 1.65 - —
Urea, dom. 46% N bgs. c.l. wks. lb. .04½- —
l.c.l., works lb. .05 - —
42% N, bulk, c.l., 30 tons, frt. alld. Kan., Neb., N. Dak., Okla., S. Dak., Tex. and east ton.94.00 - —
bulk, distributors, c.l., 40 tons, frt. alld. Colo., Mont., Wyo., and west ton.116.00 - —
Urea-ammonia liquor, A and B grades, N basis Belle W Va ton.125.00 - —
C and D grades, same basis, frt n 123.50 - —
37 grade, same basis .... ton.147.50 - —
Uva ursi leaves, bls.....lb. .06 - .14

V

Valerian root, Belgian, NF, bls. lb. .35 - .37
Valine, dextro-laevo, dms., works.lb.22.50 -27.50
Valonia beards, bgs., ex dock ton.78.00 Nom.
Cups, bgs., ex dock.....ton.55.00 - —
Extract, powd. bgs. ex dock, duty extra lb. .09½- —
Vanadium pentoxide CP bgs., cns., works lb. 1.00 - —
tech. dms., works lb 1.00 1.06
Vanilla beans, Bourbon, tins....lb. 3.75 - 4.00
Mexican, cuts, tins.....lb 6.50 6.75
whole, tins .....lb. 7.25 Nom.
Tahiti, cs. lb 2.75 3.25
Vanillin, ex eugenol, tins, 25 lbs lb. 4.00 - —
smaller lots .....lb. 4.05 - 4.15
ex guaicol, tins, 25 lbs..... lb 3.00 —
smaller lots ..... lb 3.05 3.15
ex lignin, tins, 25-lb. lots ..... lb 3.00 —
smaller lots tins lb 3.05 3.15
Vinyl acetate, 55-gal. dms., c.l., works..lb. .17 - —
l.c.l., works.....lb. .17½- —
tanks, works.....lb. .16 - —
Butylether, normal, tech., dms., c.l., works lb. .28 - —
l.c.l., works ..... lb. .30 - —
tanks, works ..... lb. .27 - —
Ether (see Ether, divinyl).
Ethylether, tech., dms., c.l., wks. lb. .28 - —
l.c.l., works ..... lb. .30 - —
tanks, works ..... lb. .27 - —
Isobutylether, tech., dms., c.l., works lb. .28 - —
l.c.l., works ..... lb. .30 - —
tanks, works ..... lb. .27 - —
Methylether, cyls., works.....lb. .30 - —
tanks, works..... lb. .27 - —

Cylinders are sold outright, or if shipped against deposit, a free period of 60 days is allowed; and if empties are returned prepaid and in good condition within that period, full refund is made.

Trichloride (see Trichloroethane).
Vinylpyridin ret dms. works lb. 1.50 - —
Viosterol, in alcohol, 1,000,000 D units per gm., bots., lots of 10 billion USP units . 1,000,000 units. .025 - —
lots of 1 billion USP units. 1,000,000 units. .03 - —
lots of less than 1 billion USP units 1,000,000 units. .035 - —
in neutral vegetable oil 400,000 or 1,000,000 D units per gm., bots., lots of 10 billion USP units . 1,000,000 units. .02 - —
lots of 1 billion USP units. 1,000,000 units. .025 - —
lots of less than 1 billion USP units.1,000,000 units. .03 - —
Vitamin A, natural, acetate, 200,000 to 400,000 A units per gm., bots., cns., dms., lots of 500 million units or more . 1,000,000 units. .16 - —
lots of less than 500 million units . 1,000,000 units. .20 - —
Over 400,000 A units per gm., bots., cns., dms., lots of 500 million units or more . 1,000,000 units. .17 - —
lots of less than 500 million units . 1,000,000 units. .21 - —

Prices above are based on the USP XIII method of conversion, E x 1894.

Vitamin A, natural, acetate, 200,000 to 400,000 A units per gm., bots., cns., dms., lots of 500 million units or more . 1,000,000 units. .17 - —
lots of less than 500 million units .1,000,000 units .21 - —
Over 400,000 A units per gm., bots., cns., dms., lots of 500 million units or more 1,000,000 units. .18 - —
less than 500 million units. 1,000,000 units. .22 - —

Prices above are based on the USP XIV method of conversion, Morton-Stubbs Corrected E x 1900.

A, natural, concentrates (see Oil, fishliver).
A, synthetic, acetate, 1,000,000 A units, per gm . 1,000,000 units. .18 - —
A synthetic, palmitate, 800,000 A units per gm., frt. adjstd. 1,000,000 units. .18 - —
B (see Thiamine hydrochloride).
B_2 (see Riboflavin).
B complex, natural (see Rice bran concentrate and Yeast).
B_6 (see Pyridoxin hydrochloride).
B_{12}, vials, 25 100 and 500 milligram lots, milligram. .98½- —
C (see Acid, ascorbic).
D (see Oils, codliver and fishliver, Calciferol and Viosterol).
D_2 (see Calciferol).
Vitamin E (see Alphatocopherol and Oil, wheatgerm).
G (see Riboflavin).
P-F (see Acid, nicotinic, and Nicotinamide).
H (see Biotin).
Violet, methyl toner (see Blue, methylviolet toner).
V.M.P. naphtha (see Petroleum naphtha).

W

Wahoo root bark, bls.....lb. 1.75 - 1.80
Tree bark, bls .....lb. .75 - .90
Warfarin, 0.5%, dms., 50 lbs., f.o.b. N. Y. or Chicago..lb. 1.95 - —
25-49 lbs., same basis .....lb. 2.05 - —
5-24 lbs., cns., same basis...lb. 2.15 - —

Wattle bark, fair average, or E. Afr., bgs., ex dock ..ton.71.50 - —
merchantable, bgs., ex dock ton.67.00 - —
extract, liquid, 35% tannin, bbls., works..lb. .08 - .08½
solid, E. Afr., 61% tannin, ex dock, duty extra..lb. .0770- .0780
S. Afr., 62% tannin, ex dock, duty extra lb. .0770 - .0780
Wax, amorphous (see Wax, microcrystalline)
Bayberry, bgs., spot .....lb. .44 - .45
Bees, bleached, USP, bricks, cs. lb. .71 - .73
slabs, bgs. .....lb. .70 - .72
crude, African, bgs.....lb. .54 - .56
Brazilian, bgs. .....lb. .55 - .57
Cent. American, bgs.....lb. .53 - .55
refined, yellow, bricks, cs...lb. .61 - .62
slabs, bgs. .....lb. .60 - .62
Candelilla, crude, bgs.....lb. .60 - .65
refined, bgs .....lb. .65 - .70

Powdered candelilla, 20 mesh, 5c. per lb. extra; 80 mesh, 5½c.; 100-200 mesh, 6c.

Carnauba, chalky, bgs., ton lots.lb. No stocks.
North Country, No. 2, ton lots. lb. .87 Nom.
No. 3, crude, bgs., ton lots. lb. .84 - .86
refined, bgs., ton lots .lb. .90 - .92
yellow, No. 1, bgs., ton lots..lb. 1.10 - 1.12
No. 2 .....lb. 1.08 - 1.10

Powdered carnauba price differentials same as powdered candelilla.

Japan, bgs. .....lb. .60 - .62
Microcrystalline, 170°-175° m.p., ASTM amber ctns., 20,000 lbs. group 3, works lb. .14 - —
Less than 20,000 lbs., same basis lb. .15 - —
black, ctns., 20,000 lbs., same basis lb. .12½- —
Less than 20,000 lbs., same basis lb. .13½- —

Turpentine, Wood, Steam-distilled—Wormwood Leaves

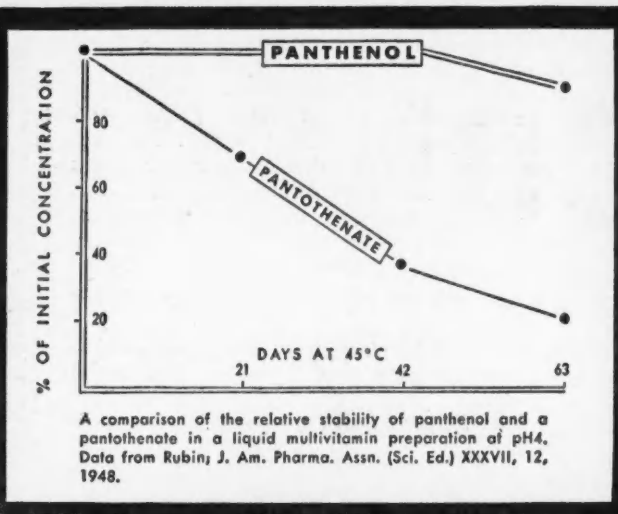
Wax, microcrystalline, white, ctns., 20,000 lbs., same basis.lb. .25 - —
Less than 20,000 lbs., same basis lb. .26 - —
180°-185° m.p., ASTM, black, ctns., 20,000 lbs., same basis lb. .14½- —
Less than 20,000 lbs., same basis lb. .15½- —
amber, ctns., 20,000 lbs., same basis lb. .16 - —
Less than 20,000 lbs., same basis lb. .17 - —
white, ctns. 20,000 lbs., same basis lb. .27 - —
Less than 20,000 lbs., same basis lb. .28 - —
190°-195° m.p., ASTM, amber, ctns. 20,000 lbs., same basis lb. .20½- —
Less than 20,000 lbs., same basis lb. .21½- —
black, ctns., 20,000 lbs., same basis lb. .19 - —
Less than 20,000 lbs., same basis lb. .20 - —
white, ctns. 20,000 lbs., same basis lb. .33½- —
Less than 20,000 lbs., same basis lb. .34½- —
Montan, dom. black, raw .....lb. .25 - .25½
refined .....lb. .31 - .32
imported Bohemian, bgs.....lb. .15¾- .16
German, bgs .....lb. .17 - .18
Ouricury, refined, bgs., ton lots lb. .88 - .90
Paraffin (see P.)
Spermaceti, blocks, cs.....lb. .27 - .30
cakes, cs. .....lb. .28 - .31

Wax, sugar cane, crude, imp., bgs. lb. No stocks.
refined, dom., slabs, works lb. .69 - .74
imp., bgs., N. Y .....lb. .48 - .50
White lead (see Lead, white).
White pine bark, rossed, bls .....lb. .18 - .20
White precipitate USP powd., dms. 50 lbs lb 2.00 - —
Whiting, limestone, dry-grd. 99.5%, 325 mesh bgs. c.l. works. ton 6.00 10.00
smaller lots works ton 6.50 15.00
wet-grd., bgs., c.l., works ton.16.00 30.00
smaller lots works ton.21.00 35.00
Paris white, bgs., c.l ton.24.00 31.00
l.c.l. whse ton.25.00 40.00
Precipitated, bgs., c.l ton.18.00 20.00
l.c.l. ton.25.00 35.00
Wild cherry bark thick, natural, bls lb. .06 - .07
thin, natural, bls.....lb. .15 - .16
rossed, bls .....lb. .17 - .18
Wild indigo root bls .....lb .30 .31
Wild yam root bls .....lb 16 17
Witch hazel leaves, bls.....lb. .20 - .22
Woodflour 40 mesh bulk c.l., works. East ton.32.00 - —
l.c.l. same basis ton.40.00 - —
60 mesh, bulk c.l. same basis ton.37.00 - —
l.c.l. same basis ton.45.00 - —
80-100 mesh, bulk, c.l., same basis ton.40.00 45.00
l.c.l., same basis ton.50.00 55.00
Woodflour in bgs extra, returnable.
Woolfat (see Lanolin)
Wormseed, American, bgs..... lb .13 .14
Levant, bgs. .....lb. 4.50 5.00
Wormwood leaves, bls .....lb .35 - .45

—Continued on page 54

PANTHENOL

Better STABILITY in VITRO



A comparison of the relative stability of panthenol and a pantothenate in a liquid multivitamin preparation at pH4. Data from Rubin; J. Am. Pharma. Assn. (Sci. Ed.) XXXVII, 12, 1948.

"The results (in humans) show that with increasing dosage of the 2 compounds, pantothenyl alcohol (panthenol) shows increasingly superior availability when taken together with food." (1)

"These results (in rats) confirm and extend the previous findings in humans that the availability of panthenol is better than that of calcium pantothenate under conditions of ad libitum feeding, and is more nearly equal in the post-absorptive state at lower doses." (2)

Better AVAILABILITY in VIVO

(1) Rubin, et. al.; Journal of Nutrition, 35: 499, 1948

(2) Rubin, et. al.; Federation Proceedings, 8: 1, 1949 (J. Nutrition, 40: 265, 1950)

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Working Together

From various corners are coming, newly, suggestions looking to the working partnership of business and government which has frequently been advocated in these columns. Few of them present even general definite plans. Most of them appear to disregard realities which have a fundamental relationship to the construction of any such collaboration and must in some manner be adapted to its operation.

The newest of the collaboration proposals—it comes from finance—calls for a council of "our really great men" to advise and guide the President and the Congress through the critical tangles of today. The members would be men "of unquestioned distinction, of demonstrated competence, and of long experience in the larger affairs of the nation's life." It would be difficult for a wholly impartial appraiser to find even a half-dozen such men. The "larger affairs of the nation's life," in a strictly national sense, get very little attention from most of those who are even justifiably recognized as leaders in their particular areas of activity. Business leaders give far too little attention to the larger affairs of the political and social aspects of the nation's life. Politicians know but little about the affairs of business. The social aspects are approached from such a variety of points of view and objectives that the few who know anything about them cannot fit them even one with another.

The President and the Congress should have an able corps of business advisers, even though the latter would have much to learn about the formers' most immediate problems. Both sides have an equally great need for better knowledge of the "larger affairs," even as they are respectively affected thereby. They have a still greater need to know about them as they affect the nation as a whole. It is difficult to get either side to listen to the other, let alone to accept and to further what it may suggest. The experiences under the national industrial recovery act still testify strongly to the difficulties which attend any endeavor to get business and government to work together—even for the benefit primarily of business.

Those difficulties are not a sufficient reason for poohpoohing all suggestions that the two should work together. But, such suggestions must give due consideration to the existence of the difficulties and strive to circumvent and, eventually, to eliminate them. It is in that respect that the greatest need to face realities exists, to recognize and to consider that business knows too little about government as an essential national enterprise, and government knows less about business. The bitter truth is that neither knows enough about itself in its national role. There is little of constructive value in suggestions that business rally to the assistance of government in today's global ideological battling, when business must admit its inability convincingly to explain itself to its own people. It is quite necessary that all aspects of national relationships be much further developed before any success in the international field can be attained.

Making NPA Succeed

Whatever may be the conditions attending the collaboration of business and government in the "larger affairs of the nation's life," they must get together and work together on the new National Production Authority. Most branches of business recognize that fact more or less clearly and fully, and many of them are well on the way with the construction of committees to represent them in the collaboration. The selection of those representatives should not be hastily or partially done. Upon the competence and adequacy of their functioning will depend in large measure the welfare and, quite possibly, the very life of the group which they represent.

It must be recalled that business had to get into the activities of industrial planning for the recent war after a deal of mussing up had been accomplished by incompetent endeavorers. It will be well that the best of business's competence be put into the new job before it gets started. The going will be better and also the getting. It is, of course, of the utmost importance that the proper criterions be applied to the relative evaluation of those two aspects. In which connection it must be borne in mind that the direction of the production program is in the hands of competent business executives who have demonstrated ability to work with government. Those who represent business in the NPA dealings should be able to get some useful information in consequence of that fact.

It was not unusual in the alphabetized activities of the recently abated war to hear complaints about its being more difficult to deal with the men from business in the various agencies than with the more permanent government men with whom contacts were made. Nobody ever collected enough evidence to enable a determination of what lay behind such complaints or with whom. The condition is something that should be given proper consideration in the selection of representatives to NPA. It is especially desirable that what can be done and what can be attained with relation to the objects of every function be put far ahead of what can be got for whom; although there has always been reason to believe that the nonexistence of favoritism in the predecessors of NPA was behind some of the complaints.

The chemical and related industries must be represented with particular ability in the new scheme of war controls. The basic order faces them with all manner of uncertainties because of the scattering of primary authority among the executive departments.

It is unfortunate that the control of all commodities of commerce was not placed where it logically belongs, in the Department of Commerce. But the departmentalization of government never has been logical as to its relation to business. It is to be expected that there will be contentions that coaltar chemicals come under the authority of the Department of the Interior, which has to do with coal, and that fats and oils are, for the purposes of the scheme, agricultural products before they are articles of commerce, even though they are not produced by agriculture any more than phenol, for example, is made in a coalmine. There will be endless argument about whether source, production, or enduse is the proper criterion by which the general classification of a chemical material is to be determined. There will be twice as much in connection with the selection of the appropriately applicable regulation.

Other ABC-ers will come after NPA, and the job of properly serving both business and government, already too big for the ordinary grasp of such things, will get bigger. "The new controls," says one articulate economist, "are of doubtful value for the checking of inflation." That, of course, is not their primary purpose; nor is it a negligible one. It is already being shown that business can voluntarily do much for all the purposes. There is every reason to believe that its participation in the program will do much good in all connections. But, it must participate.

Washington Talks It Over

—*Continued from page 5*

cation? and How soon will price controls be established? Nobody knows the answer because in most cases it is going to take a lot of canvassing of the supply and distribution of the products before anyone can intelligently allocate. The idea is to leave allocation pretty much up to industry on a voluntary basis until it is shown that this won't work. Price-controls would appear to be a long way off, unless things start getting out of hand.

There is a good chance that voluntary price-control, such as was done at the start of the last war, might be attempted, but this is far from definite.

There is a strong feeling among observers that the whole question of applying controls will move very slowly until after the elections in November.

Combating Industrial Sabotage

Steps which should be taken by industry to protect plants against sabotage and other efforts by an enemy to cripple vital production are suggested in a guide for industry use available from the Munitions Board. Entitled "Principles of Plant Protection," it outlines what actions might be expected from an enemy and what can be done by industrial plants to minimize their effects.

The guide points out that "our isolation will continue to offer a measure of protection but may lead to a false sense of security." Because of the difficulties of attack, the booklet suggests that special efforts would be made to infiltrate industry and destroy our ability and will to fight. Mass sabotage, prior to or at the same time as military attack, may be an important means of destruction of vital industry.

Requirements of protection include primarily the maintenance of security of information affecting national defense, combating subversive efforts; anti-sabotage measures; protective construction; and establishment of a means of control and relief in time of disaster, whatever the cause.

Price Index Under Revision

The Bureau of Labor Statistics has launched a program that will take about fifteen months to complete of revising the Consumers' Price Index so that it will be an up-to-date measure of changes in prices of the goods and services that people buy, and to serve as a better measure of the price effects of the defense program after the outbreak of the Korean conflict.

One study, which will assist in determining which individual goods and services shall be included in the final index, will cover about 400 items not currently included. Another study is designed to learn what kinds of stores and what sections of a city must be represented to measure price changes accurately. A third study will serve as a basis for determining which cities should be included to represent all urban centers.

The Consumers' Price Index is one of the most widely used statistical tools. It measures changes from month to month in prices of goods and services bought by moderate-income families in large U. S. cities. Among its many uses, the index plays an important part in wage negotiations by management and labor, in policy-making by federal, state, and local governments, in establishing allowances by welfare agencies and other institutions, and in contract agreements of many kinds.

Fair Labor Problem

The Wage and Hour Division is again going to tackle the knotty problem of what is meant by "area of production" used in the fair labor standards act with reference to application of the law to workers in industries related to agriculture. This will be the third time that the agency has attempted to reach a definition of this term that will be satisfactory to all concerned.

The act provides exemptions from its minimum wage and overtime requirements for employees engaged in specified operations related to the processing and handling of agricultural products "within the area of production" as that phrase is defined in regulations adopted by the administrator of the law. The current definitions are based on mileage and population tests. It is estimated that, at the present time, more than 1,000,000 employees are engaged in operations affected by these definitions.

Since the minimum wage was increased to 75 cents an hour, the number of protests against the present definitions has increased sharply. It is claimed that there is substantial economic discrimination between establishments which meet the requirements of the present definitions and those which do not. It is because of these charges that the subject is being reopened. The agency is asking all those who wou'd like to see a change in the present definitions to submit their proposals by October 10. Hearings may be held later.

Pap for Small Business

Little business's chief advocates on Capitol Hill—Senator John J. Sparkman of Alabama and Representative Wright Patman of Texas—are spearheading a move in congress to set up a Small Defense Plants Corporation, patterned after the Smaller War Plants Corporation of World War II, to make sure that little business gets its share of the business growing out of the new defense program.

The two spokesmen have been encouraged to sponsor the drive by recent suggestions coming out of Washington that the best bet for the smaller business firm is to tie in with a large corporation through a subcontract. This has been made easier for little business by the "contract award list," published weekly by the Commerce department, which tells who the prime contractors are, their addresses, the products they are to supply, and the dollar amounts.

The Sparkman-Patman proposal would set up a corporation with $500,000,000, which would have broad powers to aid small businesses by making loans for plant expansions or new construction; to lease plants and equipment to small businesses; and to enter into contracts with the government to furnish supplies by subcontracting to small business concerns. The corporation also would police subletting of contracts by prime contractors to be sure that they are let at prices and on conditions and terms which are fair and equitable.

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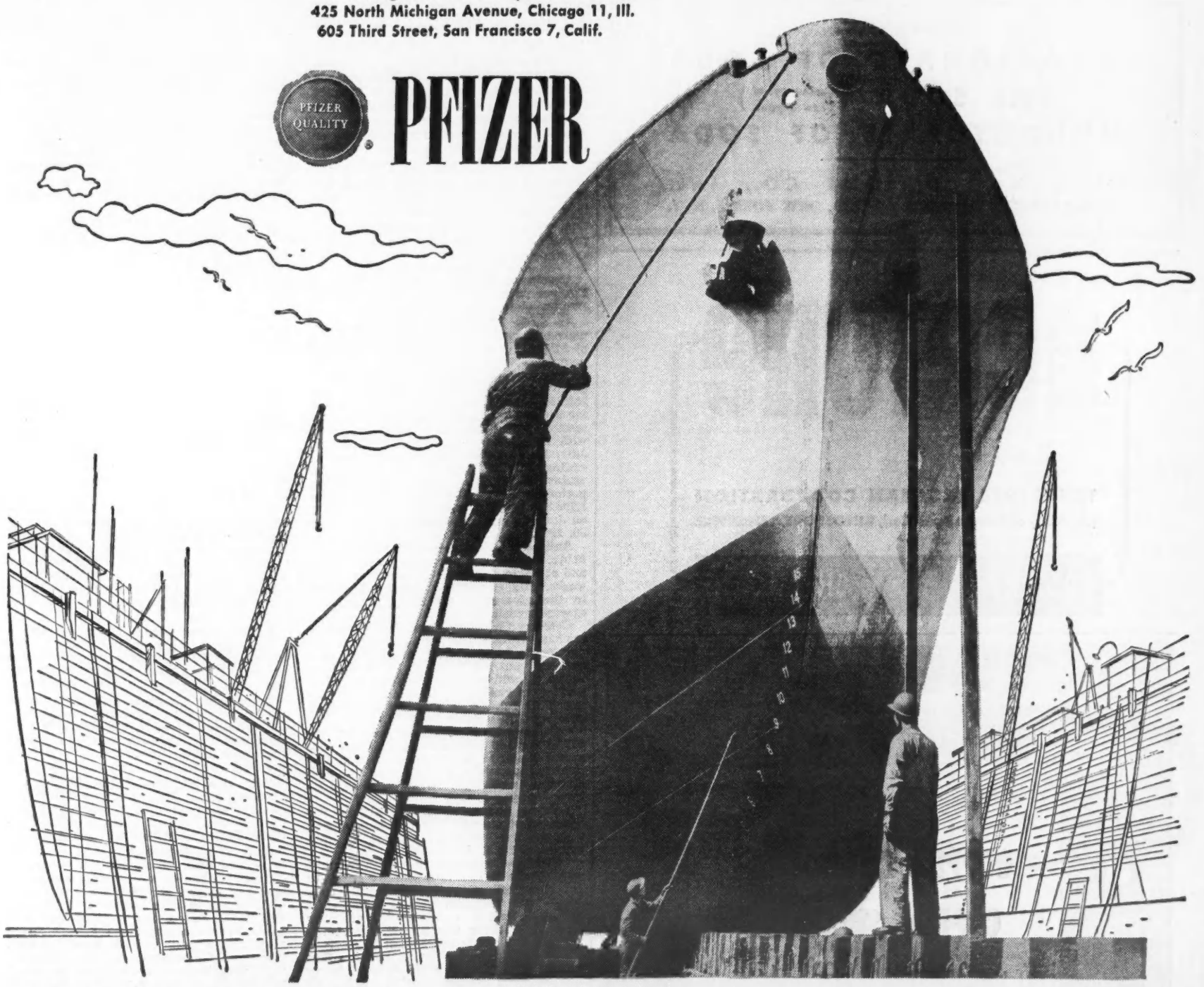

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Heavy Chemicals

Chemical index advanced to 229.6 last week from 228.1 in the preceding period. There were numerous upward revisions and no declines. Spectacular advances in antimony, platinum and quicksilver lent color to the market situation while the upward swing in heavy chemicals was conservative and based primarily on the maintenance of high producing costs including containers and freights. Offerings were reserved in all directions and the inroads made on production by the prolonged scarcity of chlorine and soda ash was plainly reflected. The disposition of producers was to advance spot prices and make the advances applicable to contracts on October 1.

Settlement of the latest alkali strike at Wyandotte was encouraging although inspection work kept the plant idle last week. Reports emanating from Syracuse indicated that progress toward a settlement was being made. The plant at this point with affiliated plants at Baton Rouge and Detroit has been on strike for more than three months. Efforts to import soda ash to ease the stringency have resulted in steadily increasing arrivals. The critical shortage of chlorine is becoming more serious with each successive week. Caustic soda is heading toward this condition although supplies did not appear quite as short as in chlorine or soda ash. Production of practically all the chlorides has been cutback and output of the soda group has suffered severely. Maintenance of heavy demand for nickel salts brought an advance in prices with stocks definitely short all around. There was no easement in the supply of either muriatic or sulphuric acids.

Paper production based on a percentage of six-day capacity was 84.6 percent for the week ending September 9, according to the American Paper and Pulp Association. This compared with 105.9 in the preceding week and 73.7 for the corresponding week in 1949.

Aluminum Chloride—Priced higher at 13c. per pound in carlots and at 13½c. in smaller quantities f.o.b. the works.

Ammonia Liquor—July production was placed at 3,836,993 pounds by the Bureau of Mines. Output in June was 3,934,880 pounds and in July last year 3,685,200 pounds were produced. For seven months ending with July production totaled 26,760,264 pounds, against 28,674,000 pounds for the same time in 1949. Sales in July amounted to 2,989,788 pounds, compared with 2,982,244 in June and 2,927,600 in July, 1949. Total sales for seven months ending July 31 were 18,978,310 pounds, against 25,380,400 for the corresponding period in 1949. Stocks on July 31 were 1,708,218 pounds, compared with 1,326,911 on June 30 and 1,837,200 pounds on June 30, 1949.

Antimony Trichloride—Priced higher at 31¼c. to 32c. per pound in pails, carlots and at 33¼c. for smaller quantities at the works. Higher producing costs occasioned by the advance in the metal caused the upward revision.

Calcium Chloride—One of the producers has advanced the price of flaked to $25 per ton in bags effective at once on spot and on contract October 1 for carlots, works. Liquid was also advanced to $10.50 per ton in tankcars. Demand is increasing while production is down as a result of the chlorine shortage.

Calcium Hypochlorite—Advanced to $27.50 per 100 pounds in drums for 1,000-pound lots or more, freight prepaid to destination by one of the producers. The new schedule is effective on spot and on contract October 1.

Calcium Silicate—Priced higher for hydrated at 6c. per pound in bags and at 6¼c. for the low moisture material. Both prices are f.o.b. the works.

Chlorine—Remained in critically short supply with the current scarcity seriously affecting production of all materials processed with chlorine. While progress is reported toward a settlement of labor difficulties, there was no activity at the strikebound plants last week.

Copper Sulphate—Market position firm at the late advance with demand heavy for industrial use and Florida still buying for agriculture. The supply situation is tight with shipments in two weeks the best that can be booked at present. The maintenance of industrial demand at an unusually high level and the firm position of the metal suggest a strong market through this and next month. Export demand has also increased. There was an inquiry from Colombia for 2,000 tons for prompt shipment.

Lead Acetate—Higher prices have followed the late advance in metallic lead. The new schedule shows crystals in barrels at 21c. per pound and granular and powdered at 22c. Kegs of 100 pounds command a premium of 4c. over the above named prices. All prices are f.o.b. New York.

Nickel Salts—Heavy industrial demand and high producing costs have resulted in price advances all through the list. The breakdown shows acetate at 56½c. per pound, carbonate 64½c., and chloride 31c., all on delivered basis. Formate is priced at 54¾c. freight allowed and nitrate 29¾c. works. Sulphate is held at 23½c. for carlots and 24c. per pound for less, delivered.

Phosphorus Oxychloride—Priced higher at 14c. per pound for drums in carlots and at 15c. to 16c. for less f.o.b. the works. The strong position of phosphorus and the maintenance of high producing costs were responsible for the upward revision.

Phosphorus Trichloride—Market higher at 14c. per pound for drums in carlots and at 15c. to 18c. for smaller lots. The advance was due to the same causes noted in oxychloride.

Potash, Caustic—Supplies have continued exceedingly tight with no easement in sight for the remainder of the month. Producers are confining shipments to contract consumers and while it is expected that the strikebound plant will soon start operations, it will take some time to fill up the holes created by the prolonged shutdown.

Potassium Carbonate—Remained in definitely short supply under the same conditions noted in caustic potash. The glass specialty plants have been seriously inconvenienced by the prolonged shortage.

Potassium Chlorate—Contract consumers are receiving shipments but the eastern producer is not in a position to consider new business on account of the current chlorine shortage. Perchlorate is in practically the same position.

Potassium Silicate—Price will be advanced 25c. per 100 pounds on October 1, to cover increased cost of production. The upward revision is a works price and includes both eastern and western areas.

Soda Ash—Settlement of a strike at Wyandotte was announced but the plant did not resume operations last week as a result of inspection. Baton Rouge output of light ash in bulk has been stepped up and it was stated that progress has been made toward a settlement of the strike that is now going into its fourth month. The supply situation remained definitely tight with imports increasing in an effort to ease the stringency. Arrivals last week of over 120,000 bags from England and France were noted.

Soda, Caustic—More producers have announced their intention of advancing prices on October 1. The supply situation continued exceedingly tight with industrial demand active. Some caustic has been brought in from England but not

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

Aluminum chloride, 1c. per lb.
Antimony metal, 3½c. per lb.
trichloride, 1¼c. per lb.
Calcium silicate, ½c. per lb.
Lead acetate, 1c. per lb.
Nickel acetate, 4c. per lb.
carbonate, 7¼c. per lb.
chloride, 4c. per lb.
formate, 5c. per lb.
nitrate, 3¼c. per lb.
sulphate, 3½c. per lb.
Platinum, $13 per ounce.
Phosphorous oxychloride, 1c. per lb.
trichloride, 1c. per lb.
Quicksilver, $5 per flask.
Soda, sal, 10c. per 100 lbs.
Sodium bicarbonate, 15c. per 100 lbs.
metasilicate penthydrate, 25c. per 100 lbs.
monohydrate, 10c. per 100 lbs.
sesquisilicate, 50c. per 100 lbs.
stannate, 2.3c. per lb.
Tin chloride, 3½c. per lb.
crystals, 2½c. per lb.
metal, 2½c. per lb.
oxide, 1½c. per lb.
sulphate, 3.3c. per lb.
tetrachloride, 2½c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

General Chemicals

Last week	Prev. week	Last month	Dec. 30, 1949	Sept. 16, 1949
229.6	228.1	225.5	216.4	222.4

Acids

Last week	Prev. week	Last month	Dec. 30, 1949	Sept. 16, 1949
122.3	122.3	122.2	121.8	121.8

(*For Current Prices see Page 9*)

enough to have any important influence on the market.

Soda, Sal—Priced higher at $1.40 per 100 pounds in bags, carlots, and at $1.70 in smaller quantities f.o.b. the works. Supply definitely tight as a result of cutback production resulting from soda ash shortage.

Sodium Bicarbonate—Priced higher on spot at $2.50 per 100 pounds for USP granular in paper bags and at $3.15 for less, both f.o.b. the works. Powdered in bags is held at $2.10 per 100 pounds carlots and at $2.75 for smaller lots f.o.b. the works. These prices will become effective for contracts October 1. Supplies are exceedingly tight with production paralyzed by the shortage of soda ash. The week's imports included 44,548 bags from England.

Sodium Silicate—Liquid will be advanced 10c. per 100 pounds and solid $5 per ton on October 1. The powdered grades will be priced 25c. per 100 pounds higher, all f.o.b. the works. Increased producing costs account for the upward revision.

Sodium Stannate—Priced higher at 56.9c. to 62.3c. per pound, freight allowed East. Advance followed the increased price of metallic tin.

Tin Salts—Following closely the fluctuations of the metal, all prices were advanced last week. It was stated that production of tin chloride and tetrachloride has ceased temporarily on account of the present chlorine shortage. The breakdown shows tin tetrachloride stannous anhydrous at 8.61c. to 8.71c. per pound, crystals hydrous 71c., oxide $1.02½ to $1.04½, sulphate stannous 97.08c. to 99.08c. and tetrachloride anhydrous 60c. to 61c. per pound, all f.o.b. the works.

Zinc Sulphate—Stocks not excessive but appear to be meeting current requirements without too much difficulty. The stearate manufacturers have increased their inventories and some material is still moving to Florida. The market uncovered no price changes but its background has been strengthened by the recent increase in metallic zinc quotations.

Acids

Hydrofluosilicic—Demand about normal with market position firm and stocks meeting requirements without unusual difficulty. Prices were unchanged.

Muriatic—Maintenance of heavy demand has prevented any easement of supplies. Requirements at present running ahead of output and market position definitely tight.

Nitric—Current production has been able to level off demand and the market has not experienced the pressure placed on some of the other acids. Prompt shipments were available at the close of the week.

Oxalic—Stocks tight for immediate shipment with production in some quarters considerably behind contract schedules. Desire to build up consumer inventories is the reason given for the market's increase in activity.

Sulphuric—No relaxation in consuming demand so far this month. Production is under pressure for shipment and the supply position is definitely tight. Inquiry from the titanium and high octane gasoline trades has continued exceedingly heavy. Prices remained firm but unchanged.

Nonferrous Metals

Aluminum—U. S. aluminum industry is now producing primary metal at the rate of approximately 1,450,000,000 pounds a year which is more than 17 percent greater than total production in 1949, the Aluminum Association stated in reporting July production at 127,035,442 pounds as compared to 120,800,774 for the preivous month. It was explained that while production of primary metal has moved ahead to capacity levels the general industrial demand has also been expanding and military orders, relatively small at the outset of the Korean War, have been stepping up rapidly. All primary producers are operating on a voluntary allocation basis and in each case are attempting to supply their established customers in proportion to previous requirements. An overnight increase in primary production is not possible, although several pot lines are now in the process of being moved by private industry from government owned plants to locations where electric power can be obtained.

Shipments of aluminum sheet and plate during July amounted to 90,937,020 pounds as compared to 93,001,858 pounds in June. July shipments of permanent-mold rough castings (excluding pistons) by member companies of the Association's

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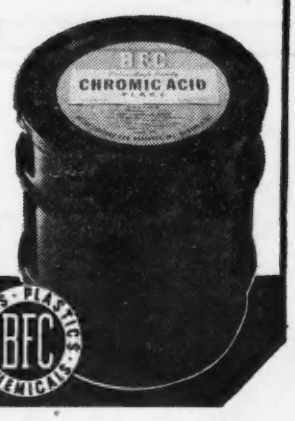

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SPENCER

Foundry Division amounted to 1,996,047 pounds with a dollar volume of $918,466.

Antimony—Priced higher at 32c. per pound for bulk and 32½c. in cases f.o.b. the mines. Maintenance of high producing costs were primarily responsible for the upward revision.

Copper—Remained in a strong position with demand active and available stocks limited. All producers have not recognized the recent advance and a split quotation of 22½c. to 24½c. per pound delivered Valley and Midwest basis continued current.

Mine output of recoverable copper in the United States dropped slightly in July to 73,633 tons as compared with 74,860 tons in June, and on a daily average basis was 5 percent lower, according to the Bureau of Mines. The decline in output was despite continued urgent demand for copper during the month and was caused chiefly by the fall of 8 percent in Arizona and the 26 percent decrease in Michigan. In other important copper-producing states, output rose 10 percent in Montana, 8 percent in Utah, 2 percent in Nevada and was unchanged in New Mexico.

Lead—Firmly held at the late advance with demand keeping ahead of supply and some sellers limiting sales to their daily intake. The common grade was priced at 16c. per pound New York and 15.80c. St. Louis.

Manganese—Domestic mines producing ore averaging 35 percent (natural) or more manganese increased output in the second quarter 13 percent to 37,900 short tons, according to the Bureau of Mines. Shipments rose 43 percent to 38,800 tons including 3,350 tons battery grade ore. The larger increase in shipments resulted in lowering mine stocks to 16,800 tons on June 30, 1950. States reporting shipments during the second quarter were Arizona, Arkansas, and Montana. Manganiferous iron ore and ferruginous manganese ore (5 to 35 percent manganese) production and shipments were greatly increased during the second quarter due to the seasonal resumption of operations on the Cuyuna range in Minnesota; 246,600 tons were produced and 246,400 tons shipped from Arkansas, Monta, New Mexico, Nevada, and Minnesota.

Platinum—Advanced $13 per ounce to $100 per pound for round lots and $103 for smaller quantities at the works. It was stated that most of the current production is going into defense work.

Quicksilver—Strong demand and an appreciable decrease in the spot supply have resulted in a further advance in prices. Suppliers are limiting shipments to 5 flasks to regular consumers at $85 per flask while the market ranged upward to $87. The fact that the government stockpile is large has given hope that some material may be released to ease the current stringency.

Silver—Market position held steady without revealing any price change here or in London. Bullion in the New York market was priced at 72¾c. per ounce.

Output of recoverable silver by United States mines declined 9 percent in July to 3,117,719 ounces and on a daily average basis was 12 percent lower by 100,572 ounces, according to the Bureau of Mines. Decreases were recorded by all important silver-producing states except Montana. Idaho dropped 9 percent, Utah 30, Arizona 9, Colorado 19, Nevada 7, and California 11; Montana registered a 19 percent rise.

Tin—Prices recovered from the previous decline and closed higher for the week. Both London and Singapore also advanced. The prevailing price at the close was $1.03 per pound for grade A.

Department of Commerce states that total tin consumption in the United States during June reached a new high since 1942, totaling 8,680 tons, of which 6,511 tons was pig tin. The June consumption of pig tin is at an annual rate of approximately 78,000 tons per year, whereas in 1949 the total use of pig tin was 50,273 tons. It is expected that Bolivian concentrates will begin arriving in quantity

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shortly. Total United States tin metal stocks, excluding stockpile, decreased from 43,417 tons June 1 to 42,644 tons July 1. Tin metal afloat to the United States as of June 30 was 7,098 tons.

Zinc—Firm and tight with more demand than can be supplied and producers and smelters attempting to arrange shipments on an equitable basis. Prime western was priced at 17½c. per pound East St. Louis basis.

In its report for August the American Zinc Institute states that stocks of slab zinc all grades at the beginning of August were 20,417 tons, domestic production for the month was 73,399 tons. Domestic shipments totaled 69,073 tons, export and drawback 2,893 tons, government account 7,399 tons making combined shipments 79,365 tons. Stocks on August 31 were 14,451 tons, unfilled orders 76,847 tons, compared with 67,463 at the close of July. The daily average for August was 2,368 tons, against 2,512 in July and a daily average of 2,384 tons over 1949.

August production of prime western was 31,832 tons and stocks on August 31 were down to 4,751 tons.

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SAACI Golf Play Won By Abeles at Final Outing

Joseph A. Abeles of Faesy & Besthoff, Inc., was presented with the Chemists' Club Award for scoring low gross at the final golf outing of the Salesmen's Association of the American Chemical Industry, held at Westchester Country Club, Rye, N. Y., September 12.

Second low gross in flight A was Thomas Morgan of MacNair-Dorland Company, while low net winner was Russell Boland of Topics Publishing Company.

Flight B winners were:—low gross, Charles Goodale, E. I. du Pont de Nemours & Co.; second low gross, Harold Weaver, Colonial Chemical Company; low net, C. O. Lind, Dow Chemical Company, and second low net, John V. McGrevy, Merchants Chemical Company.

Flight C winners were:—Low gross, George A. Wright, du Pont; second low gross, E. J. Maguire, du Pont; low net, Jack Butler, Industrial Chemical Sales Division of West Virginia Pulp & Paper Company, and second low net, Harry W. Walker II, St. Regis Paper Company.

Three Kicker Winners

Kicker winners were Foster L. Jones, Nopco Chemical Company, in flight B, and Edward Kells, Corn Products Refining Company, in flight C.

Leon Miller of Barrett Division of Allied Chemical & Dye Corporation won the putting contest, Robert Hutchins of Commercial Solvents Corporation had the longest drive, and George J. Bruyn of Hooker Electrochemical Company was nearest to the pin.

Buffalo Electro-Chemical Co. Observes Silver Anniversary

The Buffalo Electro-Chemical Company, Buffalo, N. Y., one of the first manufacturers in the United States to make hydrogen peroxide electrolytically, is celebrating its silver anniversary this year. In addition to hydrogen peroxide, the company also makes peracetic acid, persulfates and a number of other peroxygen compounds.

C. A. Buerk, who had been in the hydrogen peroxide field since 1907, founded the company. He has been president since its incorporation in June, 1925. Dr. M. E. Bretschger, vice-president, joined the organization soon after and has ever since been responsible for its technical development, with Dr. H. O. Kauffmann in charge of research.

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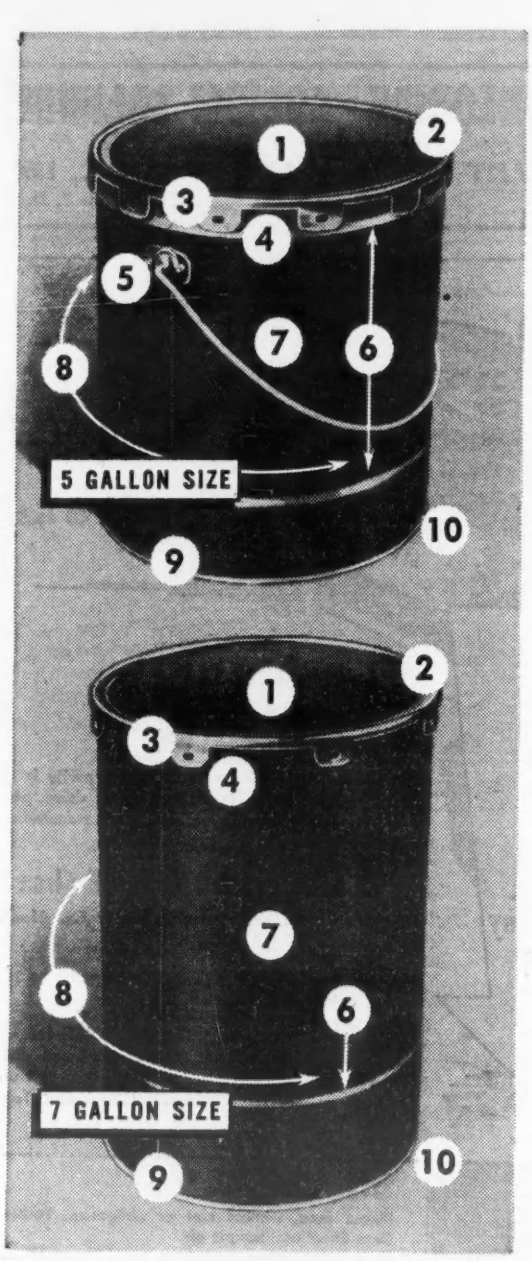

√ (1) Circular panel in cover gives greater rigidity and allows firm stacking of filled pails.

√ (2) Cover has deep gasket groove and full skirt — provides sure seal and if desired, permits use of a gasket.

√ (3) Lugs on cover are full length with punched slots — giving safer sealing and easier opening. Shipping tags can be attached through slot.

√ (4) A small embossment over each lug prevents jamming and sticking of covers during shipment or in storage.

√ (5) Ears on 5 gallon size are rigidly riveted to body and doped to prevent leakage. Pail has a heavy wire bail.

√ (6) Outward bead near top (5 gal.) and inward bead near bottom give a stronger, more rigid body.

√ (7) Pails are made of 28 gauge cold rolled steel throughout. Bodies are made of 2 panels, press locked and doped — insuring a sturdy, tight container.

√ (8) Both front and back panel of body can be attractively lithographed with sales message.

√ (9) Bottom is compound lined and has a 5 thickness seam, adding strength to pail.

√ (10) Bottom bead prevents pails from jamming too tightly when nested in shipment and storage.

Add up these ten Continental features and you have a high quality flaring pail, perfectly suited for packaging either dry or viscous products. Made in both 5 and 7 gallon sizes, Continental flaring pails serve as strong, protective containers for your products, yet they are light and easy to handle. They nest snugly—save storage space and freight costs (5,000 to 8,000 per 40' car). And to top it off, they can be attractively lithographed with your sales message to make your product stand out wherever they are displayed.

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Pittsburgh Plate Glass Expanding Facilities at Clarksburg, W. Va.

Pittsburgh Plate Glass Company, Pittsburgh, Pa., has announced plans to add a fourth tank with two drawing machines at its Clarksburg, W. Va., window glass producing plant. Construction of a building to house the new equipment will begin immediately. The building program and installation of equipment is scheduled for completion by May 1, 1951.

Estimated cost of the structure and equipment is set at approximately $500,000. In addition to the Clarksburg plant, Pittsburgh Plate Glass operates window glass producing plants at Mount Vernon, Ohio, and Henryetta, Okla. The firm began a $2,000,000 expansion program at the Mount Vernon unit last month.

N.E. Chemical Club Outing September 19

The final outing of the year will be held by the Chemical Club of New England at the Toy Town Tavern, Winchendon, Mass., September 19. Sports events will be golf, tennis, shuffleboard, swimming and horseshoe pitching.

'Saran' Catalogue Available

The Dow Chemical Company, Midland, Mich., announces the availability of a new catalogue on "Saran" lined steel pipe, fittings and valves. "Saran," a Dow plastic, noted for its resistance to most chemicals, oils and solvents, is used in industry in connection with corrosive services. The catalogue is available without cost from the Saran Lined Pipe Company, 2415 Burdette avenue, Ferndale 20, Mich.

Phosphorous Facilities Being Built

Work on the world's largest phosphorus furnace and one of the largest electric furnaces ever built is underway at the Monsanto Chemical Company's plant at Monsanto, Tenn. The new furnace is expected to be completed during January, 1951.

Pennsalt Celebrates

—Continued from page 7

up by George B. Beitzel as president and Mr. Beale as chairman of the board.

The first centennial event, next Monday, will be a luncheon for company shareowners, at which speakers will be Gov. James H. Duff of Pennsylvania and Mr. Beale. The following evening a dinner will be held at Whitemarsh for all employees of plants at Easton and Cornwall Heights and all retired Pennsalt employees living in eastern Pennsylvania.

Mr. Beitzel will be speaker at a luncheon for industrial and business friends on September 27. September 28 and 29 will be devoted to the first meeting in Pennsalt's history of the entire sales forces of all departments.

Trade Briefs

William G. Caples, acting vice-president of Inland Steel Container Company, Chicago, has been elected president.

Ansul Chemical Company, Marinette, Wis., has published an educational booklet on fire for distribution to fire protection personnel. "Fundamentals of Fire Extinguishment" is available from the company.

Petroleum Derivatives

One producer of tetraethyl lead antiknock compounds announced increases of approximately 6 percent, effective October 20. One line of alkyl-aryl sulphonates was raised one cent on concentrated and one-half cent per pound on the less concentrated detergent. Apart from these moves, prices were firm all around in last week's market for petroleum derivatives.

Petroleum toluol and xylol both continued in very short supply, the strike at the midwest plant of one maker, shut down for the past few weeks, only serving to aggravate an already acute situation. Higher boilers and blends containing 75 percent or more pure aromatics were also extremely tight. Aliphatic-aromatic blends with 50 percent pure aromatics content, however, were regarded as ample. Demand was strong all along the line.

Aliphatics were plentiful, notwithstanding the shutdown by one producer and temporary transportation bottlenecks in some areas. Demand, though not heavy, was regarded as good. LPG's were still in adequate availability, and were expected to remain that way until Winter motor fuel operations move into high gear early next month.

Stocks of microcrystalline and paraffin waxes were low in the face of heavy buying. Regular customers were reported to be stocking up heavily in an effort to accumulate large stocks of fully-refined paraffin before contract increases of three-fifth cent per pound go into effect on October 1. Demand for petrolatum and white mineral oils was good. Supplies of these materials, while not overly large, were said to be sufficient to meet most needs.

Solvents and Diluents

Aromatic Solvents—There was little change in the general supply picture during the period, petroleum toluol and xylol both continuing on the short side. The strike at the midwest plant of one producer, shut down for the past few weeks, served only to aggravate an already acute situation. Nevertheless, one major supplier stated that stocks of that company, while narrow, were not becoming scarcer, and that regular customers were receiving sufficient material to meet their requirements, although there was nothing to spare for occasional buyers. Prices were firm in the main. However, with supplies tight, there was little question that sellers of small quantities were probably getting premiums for their offerings.

Higher boiling aromatics and blends containing 75 percent or more of pure aromatics remained in a very narrow position, with producers for the most part hard put to keep their regular customers supplied. Bids from outside buyers were generally ignored. Stocks of blends with 50 percent pure aromatics content, however, were better fixed, suppliers encountering little difficulty in taking on all comers. Demand was heavy all around. Prices were on a par with previous levels.

Cleaners' Naphtha—Material was reported to be moving in good volume during the period. There were no shortages anywhere, although there were some isolated instances of delayed shipments owing to temporary transportation tieups. The price structure was stable, and no change in the status quo was looked for within the immediate future.

Lacquer Diluent—Although one producer, out on strike for several weeks, was short of material, the general supply situation was regarded as good. Consumer inquiry maintained a steady pace during the period. Quotationally, this section was without feature.

Mineral Spirits—The protective coatings industry continued to call for goodly amounts of this solvent during the period, and business in the overall was described as good. There were some minor transportation difficulties in some areas, but they had little bearing on the generally favorable picture. Listings remained firm, and nothing in this regard was looked for within the immediate future.

Rubber Solvent—The price structure held fast during the past seven-day period, and nothing in this connection was known to be in the making. Demand continued at a good pace. Stocks were excellent, notwithstanding the strike at the midwest plant of one maker and minor transportation bottlenecks in some areas.

Stoddard Solvent—Supplies were ample all around. Consumer interest, while not heavy, continued at a good pace. Prices were steady all around, and were expected to remain that way into the foreseeable future.

V. M. & P. Naphtha—The paint industry continued to take good quantities of this solvent during the week. Stocks were plentiful. There were no price changes and none were anticipated.

Market Trends

Prices Advanced
None

Prices Reduced
None

(*For Current Prices see Page 9*)

Lighter Fractions

LPG's—Butane and propane prices in the group 3 marketing area continued unchanged during the period at 3½c. and 3c. per gallon, respectively. Stocks were good, and were expected to remain that way for, at least, another few weeks, since Winter motor fuel production, which customarily accounts for a pinch in LPG's during the Fall and Winter months, is not due to get into high gear until early next month. Demand was steady.

Waxes

Microcrystalline—Stocks were low and demand high during the week. In fact, some producers, who were having difficulty in keeping their regular customers supplied, were refusing new business. There were no price fluctuations during the period, and nothing in this connection was looked for within the immediate future.

Paraffin—Supplies of both crude scale and fully-refined grades were extremely tight last week. Regular buyers were reported to be stocking up heavily in an effort to accumulate large inventories before contract increases of 3/5c. per pound on fully-refined go into effect on October 1. These advances already prevail on spot. Sellers, as a result, while fully able to meet the needs of their regular customers, were said to be turning down new business.

Miscellaneous

Crude Oil—World crude petroleum production in March averaged 9,512,000 barrels daily, an increase of 41,000 barrels per day, compared with the February rate of output, according to the Bureau of Mines.

The Texas Railroad Commission revealed that crude oil buyers have requested 2,628,571 barrels of oil daily next month, up 10,135 barrels from last month but 245,068 barrels per day under current state allowables.

Petrolatum—Demand was excellent. Supplies, though not overly large, were sufficient to meet all requirements. Prices were steady.

Petroleum Sulphonates—One maker of alkyl-aryl sulphonates effected increases of 1c. on concentrated and ½c. per pound on the less concentrated synthetic detergent. Petroleum sulphonates, however, which remained in a very narrow supply position, continued firm at the higher levels established August 1.

Tetraethyl Lead—Reflecting recent increases in raw materials costs, principally metallic lead, one producer of antiknock compounds for gasoline last week announced increases of approximately 6 percent, effective October 20.

White Mineral Oils—Prices held their ground during the week. Supplies, while not abundant, were reported in sufficient availability to meet most needs. Demand was good.

Los Angeles Petroleum Market

Propane and butane postings are unchanged at 5.3c. per gallon, tankcars, f.o.b., Los Angeles. Ample supplies are reported to meet moderate inquiry.

Crude Oil Stocks

Stocks of domestic and foreign crude petroleum at the close of the week ended September 2 totaled 238,106,000 barrels, according to the Bureau of Mines. Compared with the total of 236,934,000 barrels for the preceding week, this represents an increase of 1,172,000 barrels, comprising an increase of 1,641,000 barrels in stocks of domestic crude and a decrease of 469,000 barrels in stocks of foreign crude.

For Late Market Developments, See Page 4

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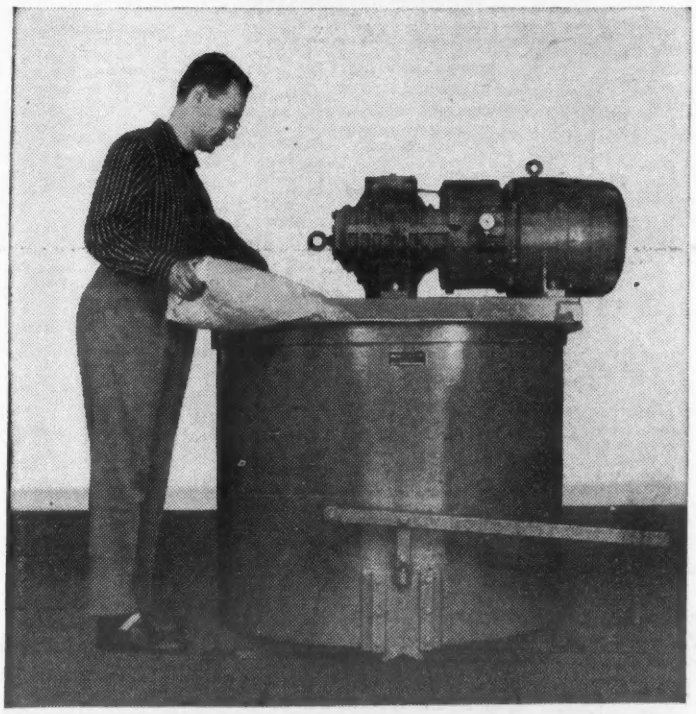

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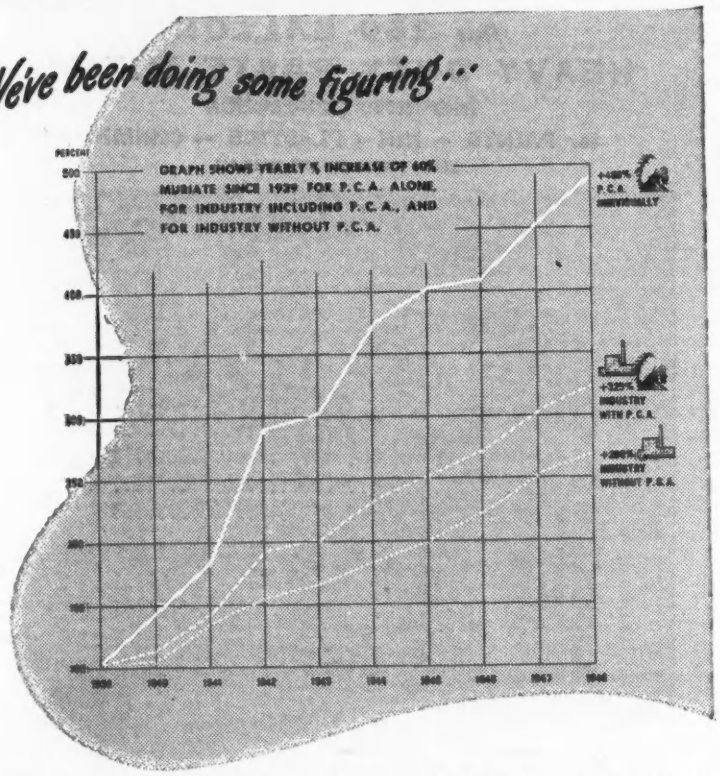

1948 was a record year for domestic Potash. Using '39 as a base, the industry—not including P.C.A.—showed an increase of 280% in 60% Muriate. P.C.A. production lifts the industry increase to 325%. *P.C.A. alone shows a High Grade Muriate increase for the same period of 480%.*

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Agricultural Chemicals

Canadian ammonium nitrate was advanced last week. There was no change in the price for domestic and production of both is heavily under contract for the 1950-1951 season. The supply of ammonium sulphate was tighter under a better demand from mixers while the export price for converters' was quoted higher for bulk at Gulf ports. Demand for potash shipments continued heavy with the boxcar shortage aggrevating the movement at intervals and the outlook for transportation more clouded by the grain movement and the war effort. Triple superphosphate remained in tight supply with increased production not expected to reach the market before the latter half of 1951. The call for normal superphosphate was more active with the Middlewest giving increased attention for shipments.

Menhaden meal was priced lower although the interruption of fishing operations occasioned by the recent storm had a tendency to check the price decline. There was no unusual activity in dried blood or tankage but enough support from feeders to hold prices. Both grades of bone meal were steady regardless of some relaxation of demand for stockfeed use. An increase in the production of urea is expected shortly. Pesticides based with benzol and chlorine were in active demand for present, prompt and future shipment with prospects favoring tight supplies over the balance of the year. Paradichlorobenzene advanced in price.

Nitrogenates

Ammonuim Nitrate — Canadian nitrate is priced higher at $63 per ton works. No change in domestic which is priced at $58 per ton works. Production of both has been heavily sold on contract and the market's supply position is definitely tight.

Ammonium Sulphate—July production of coke-oven sulphate totaled 146,491,931 pounds, compared with 146,831,538 in June and 126,956,300 pounds in July, 1949. Sales for seven months ending July 31 were 938,958,158 pounds, against 982,418,800 for the corresponding period last year, according to the Bureau of Mines. Sales in July amounted to 130,066,323 pounds, compared with 142,596,427 in the preceding month and 114,352,300 in June last year. Total sales for seven months ending July 31 were 939,778,431 pounds, against 971,036,900 for the same time in 1949. Stocks at the end of July were 125,109,102 pounds, compared with 112,722,357 on June 30 and 58,216,200 on July 31, 1949. Demand has continued active enough to readily absorb current production. The export price for converters' has been advanced to $42 per ton bulk, Gulf ports.

Dried Blood — Steady and relatively quiet with occasional sales at $8.50 per unit of ammonia here and in the Chicago market.

Fish Meal—Menhaden sold at lower prices last week with demand from feeders slowed down to some extent. Production was reported satisfactory until the recent storm interrupted fishing operations. The market was quoted at $130 per ton for meal and $122.50 for scrap Baltimore area.

Hoof Meal—Quiet and unchanged at $7 per unit of ammonia f.o.b. plant Chicago.

Sodium Nitrate—Continued to find a seasonal outlet at former prices. Constant arrivals from Chile have kept the market supplied sufficiently to meet requirements promptly.

Tankage — Prices were sustained last week with no unusual buying for stockfeed use. New York named $8.50 per unit of ammonia and Chicago $9.

Phosphates

Phosphate Rock—Contract shipments of normal seasonal dimensions have continued to account for the major part of the week's movement. Export trade was reported quiet. The Japanese inquiry has not materialized to date, although some sales of sterling rock were made to the Far East. The domestic market was not tapped by any important foreign purchases.

Superphosphate—Normal has commanded more attention for midwestern shipment and the market position has remained firm with stocks showing some tendency to tighten. Triple continued short and while two plants are making arrangements to increase production it is said to be doubtful if the market will show any permanent easement before the last half of 1951. The price is firm but unchanged at 80c. per unit of a-p-a East Tampa, Florida.

Market Trends

Prices Advanced

Ammonium nitrate, Canadian, $5.50 per ton.
Paradichlorobenzene, 1½c. per lb.

Prices Reduced

Fish meal, menhaden, $3 per ton.
scrap, menhaden, $5 per ton.

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Sept. 16, 1949
82.2	82.2	82.2	81.6	81.6

(*For Current Prices see Page 9*)

Potashes

Contract shipments have been slightly interrupted by boxcar shortages. As previously stated the scarcity to date has not been too serious but the war picture and the grain movement have cast a shadow over transportation facilities. Demand is active and production is maintained at capacity levels. No new developments in the import field were uncovered.

Los Angeles Fertilizer Market

Los Angeles—An apparent increase in the general market was noted the past few days partially stemming from the effects of national rail car shortages. Demand for many of the inorganic materials is heavy in relation to shipping facilities. Pricewise, the market has been steady with no changes reported. Calcium nitrate, off the market since the beginning of World War II, has been making a reappearance and is of particular interest to the citrus growers. Imported from Norway, the current quotation is $44.25 per ton, 15½% nitrate, c.i.f., Los Angeles Harbor.

Ruling prices were:—Ammonia nitrate, $69.94 per ton, domestic, f.o.b. Los Angeles; $70.93 per ton, Canadian material, f.o.b. Los Angeles; Ammonia phosphate, $65.15 per ton for 16/20 grade, f.o.b Los Angeles, 11/48 grade quoted $89.65 per ton, f.o.b. Los Angeles, Canadian material; Ammonia sulphate, $49 per ton in bags, f.o.b. Los Angeles, Canadian material same in bags, $2.50 less for bulk; Blood meal, $6.50-$6.75 per unit of ammonia at source; Bone meal, $70 per ton nominal for imported, steamed, 1/30 meal, f.o.b., Los Angeles, domestic, $70 per ton, f.o.b. Los Angeles; Fish meal, $123.50, $130 per ton for 65% sardine, f.o.b. Los Angeles, $123.95 per ton for 60% tuna, f.o.b. Los Angeles; Nitrate of Soda, $53 per ton in 100-pound bags, f.o.b. Los Angeles Harbor, $48 per ton in bulk; Potash muriate, 48½c. per unit bulk, f.o.b. Trona; Potash sulphate, 95 to 98 percent K_2SO_4, 84c. per unit, f.o.b. Trona; Superphosphate, $23.20 per ton for bulk, f.o.b. Los Angeles area, $2.50 extra for bags. Triple, $68.50-$72 per ton for bulk, 47% a.p.a., f.o.b. Los Angeles; Tankage, wet rendered, fertilizer grades, $5-$5.50 per unit of ammonia at producing plant.

Pesticides

Advance of the domestic season has not uncovered any easement in the supply of BHC or DDT or other insecticides or weed killers based with chlorine. The industry has the productive capacity to meet requirements but the prolonged shortage of chlorine has severely cutback output. BHC production has also been hampered by the tight position of benzol. Demand for these pesticides has continued active for present, prompt and future shipments and any prospects of a carryover are exceedingly vague at this time. The arsenates had a good season which is now about closed. Chlordane managed to hold a satisfactory degree of balance over the year and so did cryolite and calcium cyanide. The advance in copper sulphate was not a surprise to the trade owing to the strong position of the metal. Toxaphene production was never able to level off demand on account of the chlorine shortage and stocks have been doled out as made. Paradiechlorobenzene was priced higher at 1"½c. per pound in drums, carlots, works.

A report from Riverhead, Long Island, by the Suffolk County Farm Bureau states that the new infestation of the golden nematode is very light and is confined to one small spot in a seven-acre field. The area has been quarantined by state and federal agricultural officials and immediate steps have been taken to arrest the spread of the pest.

Sulphur

Mine shipments of native sulphur in June totaled 418,502 long tons, according to the Bureau of Mines. May shipments amounted to 502,850 and combined shipments from January 1 to June 30 were 2,644,076 long tons, compared with 2,370,916 for the corresponding period in 1949. Apparent sales over this period were 2,686,415 long tons, against 2,440,175 for the same time last year.

For Late Market Developments, See Page 4

Bids Wanted

Acetone, 10,000 gallons, Army Ordnance Department (Picatinny Arsenal, Dover, N. J.) invitation 112, September 21.

Acids, glacial acetic, hydrofluoric, and sulphuric, unspecified quantities, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 038-394, date undecided.

Aluminum oxide, abrasive, 40,000 pounds, Army Ordnance Department (Erie Depot, La Carre, Ohio) invitation 13, September 21.

Aluminum sulphate, Army Quartermaster (Fort Bragg, N. C.) invitation ENG-12, September 22.

Ammonium hydroxide, 147,120 pounds, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 038-437, date undecided.

Anti-freeze, methyl alcohol type, 1,900 drums or barrels, Post Office Department (Washington 25) invitation 1504, September 20.

Carbon remover, 275,960 gallons, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 038-397, date undecided.

Cement, general purpose, 19,512 gallons, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 038-416, date undecided; rubber, synthetic and reclaimed, 255 gallons, Navy Department (Aviation Supply Office, Philadelphia 11) invitation B-51,513, September 27; natural vulcanizing rubber, 35,000 gallons, Army Ordnance Department (Raritan Arsenal, Metuchen, N. J.) invitation 144, September 21; 25,000 gallons, invitation 143, September 21; cement and filler, invitation 145, September 22.

Cleaning compound, 1,518,600 pounds, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 038-232, September 19, 221,752 gallons, invitation 038-433, date undecided; instrument cleaning solution, 820 gallons, Navy Department (Aviation Supply Office, Philadelphia 11) invitation J-51,-647, September 21; alkali type, unspecified quantity, Army Ordnance Department (Raritan Arsenal, Metuchen, N. J.) invitation 147, September 21; general, 192,500 pounds, invitation 146, September 21; cleaner and renovator, maple and oak block floors, 3,500 gallons, Post Office Department (Washington 25) invitation 1427, September 27; general, 8,000 gallons, Army Quartermaster (Jeffersonville, Ind.) invitation 47, September 29.

Collodion, flexible, USP, 28,800 one-ounce bottles, Armed Services Medical Procurement Agency (Brooklyn 1, N. Y.) invitation 212, September 20.

Defrosting fluid, 2,460 gallons, Navy Department (Aviation Supply Office, Philadelphia 11) invitation J-51,712, October 2.

Dextrose, USP, 4,968 pounds, Armed Services Medical Procurement Agency (Brooklyn 1, N. Y.) invitation 212, September 20.

Dipentine, 44,000 gallons, Navy Department (Aviation Supply Office, Philadelphia 11) invitation B-51,656, October 5.

Disinfectant, 1,008 gallons, Federal Supply Service (Dallas, Texas) invitation FW-10702, September 29.

Dope, cellulose acetate butyrate, 940 gallons, Navy Department (Aviation Supply Office, Philadelphia 11) invitation B-51-519, September 27.

Freon, F-22, 528 pounds, Army Chemical Center, Md., invitation 196, September 22.

Grease, O D No. 0, 150,000 pounds, Army Ordnance Department (Raritan Arsenal, Metuchen, N. J.) invitation 51-153, September 22; 15,000 pounds, invitation 51-154; No. 00, 231,000 pounds, invitation 51-155, September 22; instrument lubricant, 4,025 pounds, invitation 51-150, September 22.

Hydraulic oil, 4,950 gallons, Army Ordnance Department (Springfield, Mass.) invitation 51-26, October 2.

Lampblack, dry, 140,000 pounds, Navy Department (Aviation Supply Office, Philadelphia 11) invitation B-51,655, October 2.

Mercury, metallic, 4,800 pounds, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 038-399, date undecided.

Methanol, 5,712 pounds, Armed Services Medical Procurement Agency (Brooklyn, 1, N. Y. invitation 158, September 19.

Methyl abietate, hydrogenated, 1,000 gallons, Navy Department (Aviation Supply Office, Philadelphia 11) invitation B-51,657, October 5.

Naphtha, petroleum, 74,458 gallons, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 038-327, date undecided.

Naphthalene, flake, 39,700 pounds, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 038-329, date undecided.

Paint & allied products: paint, exterior, 1,600 gallons, Navy Department (Aviation Supply Office, Philadelphia 11) invitation B-51,558, September 28; enamel, aircraft, 1,430 gallons, invitation B-51,-560, September 28; exterior paint, 29,000 gallons, various deliveries, invitation B-51,557, September 28; interior paint, 1,710 gallons, invitation B-51,546, September 29.

Phosphoric acid, 360 pounds, Armed Services Medical Procurement Agency (Brooklyn 1, N. Y.) invitation 158, September 19; 150,000 gallons, Army Ordnance Department (Raritan Arsenal, Metuchen, N. J.) invitation 158, September 26; 118,500 gallons, invitation 157, September 26.

Photographic chemicals: developer, 6,972 packages, fixer, photo-copying, 4,740 packages, hydroquinone, 3,038 pounds, and metol, 400 pounds, Federal Supply Service (Washington 25) invitation 9-797-R, October 5; developer, 10,000 gallons, Army Map Service (6,500 Brooks Lane, Washington) invitation S-20, September 26.

Prestolite, City of Cleveland (Commissioner of Purchases & Supplies, room 126, City Hall) ordnance no. 1305-50, September 22.

Rubber solvent, 70,000 gallons, Army Ordnance Department (Raritan Arsenal, Metuchen, N. J.) invitation 145, September 21.

Rust preventive, 278,500 pounds, Army Ordnance Department (Raritan Arsenal, Metuchen, N. J.) invitation 51-151, September 22; 280,000 pounds, invitation 51-152, September 22.

Salt, rock, 80 tons, District of Columbia Government (Washington 4) invitation 14630, September 21.

Sealing compound, insulating, 10,000 tubes, and fuel, tank, 15,000 gallons, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 038-416, date undecided.

Silver nitrate, crystals, 500 pounds, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 038-399, date undecided.

Soap, laundry, 80 cases, Federal Supply Service (Dallas, Texas) invitation FW-10678, September 21; laundry, powdered, 4,600 pounds, toilet, 1,500 pounds, shaving, 800 packages of 80 two-ounce cakes, invitation FW-10695, September 29; laundry, 11,100 pounds, laundry soap and soda, 6,440 pounds, Federal Supply Service (Kansas City 6, Mo.) invitation KC-11176, September 25.

Sodium silicate, 62,749 pounds, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 038-329, date undecided.

Soil sterilizer, spray type, 8,000 pounds, Bureau of Recalamation (Yellowstone District, Billings, Mont.) invitation D-605-665A, September 22.

Spices: black pepper, ground, 3,132 pounds, Federal Supply Service (Washington 25) invitation 1D-92726, September 22.

Soldering flux, stainless steel and silver, 100,828 ounces, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 038-399, date undecided.

Sulphuric acid, 6,912 pounds, and 1,250 gallons, Armed Services Medical Procurement Agency (Brooklyn 1, N. Y.) invitation 158, September 19.

Trichlorethylene, 3,050,786 pounds, U. S. Air Force (Wright-Patterson Base, Dayton, Ohio) invitation 038-327, date undecided.

Tricresyl phosphate, 8,000 gallons, Navy Department (Aviation Supply Office, Philadelphia 11) invitation B-51,653, October 2.

Trisodium phosphate, 490,000 pounds, Quartermaster Procurement Agency (New York 3) invitation 307, September 19.

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PHENOLS				
Phenol, U.S.P.	lb.	$.155	$.1725	$.18
Phenol, 82% Technical	lb.	.1475	.165	.1725
Phenol, 90% Technical	lb.	.1475	.165	.1725

F.O.B. our plant, Frankford, Philadelphia, Pa., freight allowed to destinations East of and including Denver, Colorado.

CRESOLS				
Meta Para Cresol 5°C B.R.	lb.	.135	.148	.151
Meta Para Cresol 60% min. Meta	lb.	.145	.158	.161
Cresol, U.S.P.	lb.	.135	.148	.151
Cresol, Standard Resin Grades	lb.	.125	.138	.141
Cresol, Special Resin Grades	lb.	.1275	.1405	.1435
Cresol, Ortho 24-29°C M.P.	lb.	.145	.158	.161
CRESYLIC ACIDS				
Cresylic Acid, 50% at 204-207°C				
1. Standard grades	gal.	.95	1.06	1.09
2. Tricresyl Phosphate grade	gal.	1.00	1.11	1.14
3. Resin grades	gal.	1.00	1.11	1.14
Cresylic Acid, 50% at above 207°C				
1. Standard grades	gal.	.95	1.06	1.09
2. Special Resin grades	gal.	1.00	1.11	1.14
XYLENOLS				
Xylenol Fractions over 7°C. B.R. except Meta	gal.	.95	1.06	1.09
Xylenol Meta Fractions over 7°C B.R.	gal.	1.05	1.16	1.19

F.O.B. our Plant, Frankford, Philadelphia, Pa., freight equalized with Newark, N. J.; Follansbee, W. Va., or Indianapolis, Indiana.

TAR ACID OILS				
Grade 10-13%	gal.	.32	.40	.43
15-18%	gal.	.355	.435	.465
19-22%	gal.	.385	.465	.495
25-28%	gal.	.425	.505	.535
30-33%	gal.	.46	.54	.57
35-38%	gal.	.495	.575	.605
38-41%	gal.	.515	.595	.625
50-53%	gal.	.60	.68	.71

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Coaltar Chemicals

Price movements in this market were all upward last week. Cresylic acid advanced from 5 to 15 cents per gallon, depending upon the grade. Naphthalene was advanced 1 cent per pound on crudes by one maker, and refined industrial material by 1¼ cents. A leading producer of benzol advanced prices 5 cents per gallon at all his producing points. Cyclohexylamine and dicyclohexylamine reflected higher raw material costs by advancing 1 cent per pound. In line with the upward movement in cresylic materials, xylenol fractions were up 5 cents per gallon. Reflecting also the higher cresylic acid prices, tar acid oils of various strengths were advanced by varying amounts, depending upon their concentration. Tolidin base was quoted 10 cents per pound higher on spot and October 1 on contract. The index moved up 0.7 point becoming 119.7.

Phthalic anhydride was short, and prices varied between different producers by 1½ cents per pound. Maleic anhydride was advanced by some quarters in the amount of 4 cents per pound, creating a spread in current quotations. Phenol was painfully short with production seriously hampered by the shortages of benzol and caustic soda.

The American Iron and Steel Institute reported estimated steel operations for the week ended September 16 at 99.6 percent of theoretical capacity. This was equivalent to 1,921,000 tons of ingots and castings, compared with 1,890,100 tons the previous week, and 1,596,500 tons one year ago.

Market Trends

Prices Advanced

Acid, cresylic, coaltar, domestic, high boil, standard grades, 15c. per gal.
Resin grades, 5c. per gal.
low boil, 5c. per gal.
Cyclohexylamine, 1c. per lb.
Dicyclohexylamine, 1c. per lb.
Tar acid oils, 2½c. to 8c. per gal.
Tolidin base, 10c. per lb.
Xylenol fractions, 5c. per gal.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Sept. 16, 1949
119.7	119.0	118.6	110.1	110.1

(*For Current Prices see Page 9*)

Basic Products

Benzol — A leading producer of benzol advanced prices 5c. per gallon at all his producing points. The extremely acute shortage continued to hamper production of derivatives, for which there was a heavy demand and in the case of the more important benzol derivatives, a substantial backlog of orders. As long as this situation exists, benzol was expected to remain in critical supply, despite production at levels in excess of last year.

Domestic prices were advancing and overall benzol costs to large volume consumers was considerably in excess of what the domestic price would indicate, because available domestic supplies from coaltar sources were having to be augmented with material shipped over long distances at high freight rates, with high priced petroleum source material, and with imported benzol for which high prices had to be paid.

Production of benzol by cokeoven operators was reported by the Bureau of Mines as 12,785,133 gallons in July, compared with 13,133,160 gallons in June, and 11,256,700 gallons in July of last year. This brought the total output for the first seven months of this year to 90,179,791 gallons, compared with 95,244,800 gallons during the corresponding period of last year.

Coaltar—Crude tar output by cokeoven operators in July increased 0.2 percent over the June output. July production was reported by the Bureau of Mines as amounting to 65,007,901 gallons, compared with the June output of 64,897,959 gallons, and 54,964,600 gallons produced in July of last year. This brought the total cokeoven output of coaltar for the first seven months of this year to 417,230,841 gallons, compared with 437,910,500 gallons during the corresponding period of 1949.

Creosote—As the fourth quarter approached, it became fairly certain that there would be no price adjustments made in this item for the balance of the year. Demand was reportedly well sustained and there was a reasonably good balance between supply and demand. A strike in the plant of a major tar distiller caused localized dislocations and difficulties, but the overall market was not felt to be short. Substantial quantities were still being imported and consumed over a wide area.

The Bureau of Mines reported production by cokeoven operators as amounting to 2,803,553 gallons in July, a 12.2 percent gain over the 2,499,356 gallons turned out in July, and compared with 1,654,300 gallons produced in July of last year. This brought the total cokeoven production for the first seven months of this year to 16,892,319 gallons, compared with 15,575,100 gallons during the corresponding period of 1949.

Cresol—Prices remained unchanged on this item, and there were no expected changes for the fourth quarter. Supplies were critically scarce, demand ran in excess of available supply, and production continued to be hampered by strikes and raw material shortages.

Cresylic Acid—A major producer late last week advanced prices on coaltar domestically produced crysylic acids immediately effective on spot and October 1 on contract. The upward price adjustments were made to partially offset increasing raw material and manufacturing costs, and varied with respect to the different grades. In general, the standard grades of high boiling acid were advanced 15c. per gallon while the resin grades were upped 5c. The low boil acids advanced 5c. per gallon.

Under the new price schedule, acids boiling 50 percent at 204°C to 207°C, of the standard grades were quoted at 95c. per gallon in tankcars, $1.06 per gallon in drum carlots, and $1.09 per gallon in less than carlot drum quantities. The grade used for the manufacture of tricresyl phosphate as well as the grades used for the manufacture of synthetic resins were quoted at $1 per gallon, $1.11 in drum carlots, and $1.14 in less than carlot drum quantities.

The new higher price schedule on acids boiling 50 percent above 207°C quoted the standard grades at 95c. per gallon in tankcars, $1.06 in drum carlots, and $1.09 in less than carlot drum shipments. The special resin grades were listed at $1 per gallon in tankcars, $1.11 in drum carlots, and $1.14 in less than carlot drum quantities.

Naphthalene — One maker advanced prices effective September 15 on spot and October 1 on contract by 1c. per pound. The 74° crude under the new schedule was quoted at 5¼c. per pound in tankcars. The 78° crude in tankcars under the higher price listing was quoted at 5¾c. per pound in tankcars, 6.65c. in drum carlots, and 6.9c. in less than carlot drum quantities.

Price adjustments were also made on refined industrial material, in which carlot shipments were quoted at 10¼c. per pound in barrels, 9¾c. in bags, and 9¼c. in tankcars.

The Bureau of Mines reported the total crude naphthalene production by cokeoven operators as amounting to 7,508,251 pounds in July, compared with 9,064,590 pounds in June, and 4,313,200 pounds in July of last year. This brought the total cokeoven output for the first seven months of this year to 55,873,881 pounds, as against 49,504,900 pounds during the corresponding period of last year.

Phenol—Prices were unchanged as the fourth quarter approached, and at this date it appeared that October 1 would see the current price schedules still prevailing.

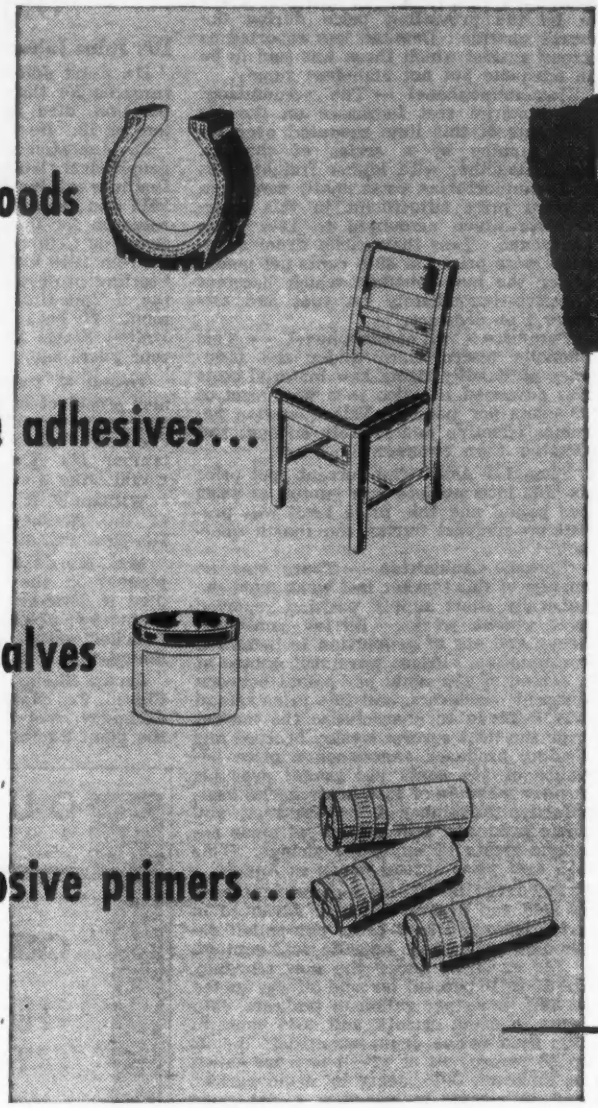
Supplies were critically tight. Synthetic production was suffering from insufficient benzol from which to manufacture adequate supplies to fill the backlog of orders on hand, and was at the same time faced with the available benzol supply

Coke By-Products

Total estimate of by-product cokeoven operations in the week ended September 16 indicate the following output of by-products from that source:—

Ammonia liquid NH_3	lbs.	925,718
Ammonia sulphate	lbs.	31,956,296
Benzol	gals.	3,119,543
Coaltar	gals.	14,202,798
Creosote oil	gals.	560,648
Naphthalene, crude	lbs.	1,940,203
Pyridin, refined	lbs.	22,725
Toluol	gals.	589,669
Xylol	gals.	152,172

For Late Market Developments, See Page 4



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being allocated in increasing amounts for the production of styrene under the synthetic rubber program. Another inhibiting factor to benzol production was the caustic soda shortage induced by the three months strike in major alkali plants. For lack of caustic some plants were operating on a part time basis, making as much phenol as their stocks of caustic would run, and then shut down for a month to accumulate enough caustic to operate the plant for another few weeks. Added to this was the continued strike in the plant of a major tar distiller which left natural phenols in a much crippled supply position.

Pyridin—The market was characterized by a severe scarcity of refined material, and by a 10c. per pound price spread between various producers.

Solvent Naphtha—Demand was running far in excess of the available supply. Prices held firmly to their former schedules in which high flash was quoted in the range of 28c. to 31c. per gallon.

The Bureau of Mines reported production of cokeoven operators in July as amounting to 480,419 gallons of crude heavy solvent and 27,243 gallons of refined light solvent. In the case of light solvent this was a 29.6 percent increase over the June output.

Toluol—This market remained firm pricewise, with demand characterized by heavy buying on the part of consumers, and a backlog of orders on the part of producers. The market, while tight, was less so than the market for benzol and for coaltar source xylol.

To what extent the overall market would be affected by increased demands of the government for higher aromatic content in aviation gasoline, could not as yet be determined, and depended upon the potential duration of hostilities. That an increased demand would be made was felt fairly certain in some quarters. Such an event would tend to tighten the market still further. Meanwhile, demand for toluol containing products of both military and domestic consumption appeared to be on the increase.

Toluol production by cokeoven operators in July was reported by the Bureau of Mines as totaling 2,440,719 gallons, compared with 2,669,352 gallons in June, and 2,448,900 gallons in July of last year. This brought the total toluol cokeoven output for the first seven months of this year to 16,915,019 gallons, as against 17,091,100 gallons during the corresponding period of 1949.

Xylol—Coaltar source material was just as scarce as ever, having been tight over a long period, the overall xylol market was characterized by some scarcity, but most consumers were able to get sufficient material to take care of their immediate needs. Demand from both domestic and military end uses was said to be steadily on the upgrade.

Bureau of Mines reports indicated that the total cokeoven output of all grades of xylol amounted to 641,518 gallons in July, compared with the June output of 656,229 gallons, and 626,000 gallons in July of 1949. This brought the total xylol output by cokeoven operators for the first seven months of this year to 4,409,999 gallons, as against 4,639,700 gallons during the corresponding period of last year.

Intermediates

Betahydroxynaphthoic Acid—The market ranged over a 10 cent spread between different producers, with quotations varying from $1.29 to $1.39 per pound. Demand was said to be good, and supplies were not too hard pressed by virtue of the reasonable availability of naphthalene.

Cyclohexylamine—Prices were advanced 1 cent per pound on spot and October 1 on contract. This brought the new schedule of quotations to 36½ cents per pound in tankcars, 37½ cents in drum carlots and 38½ cents in less than carlot drum quantities. Demand was reported as strong.

Dicyclohexylamine—Increasing raw material costs were reflected in a 1 cent higher price schedule which brought tankcars to 40 cents per pound, drum carlots to 41¼ cents, and less than carlot drum quantities to 42 cents. These prices were effective immediately on spot and October 1 on contract.

Maleic Anhydride—One producer announced a price advance of 4 cents per pound effective immediately on spot and October 1 on contract, reflecting the accumulated increased cost on benzol and other processing and manufacturing costs. The current market therefore was characterized by a price spread in which drum carlots were quoted at 31 to 35 cents per pound, and less than carlot drum quantities at 32 to 36 cents.

Metanitroparatoluidine—A firm spot price position of $1.44 per pound was

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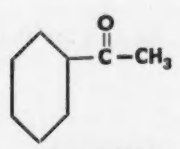

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quoted on this item, and was felt likely to be the prevailing price during the fourth quarter. Demand was reported as strong against which there was said to be an adequate but not abundant supply.

Para-aminophenol — The accumulated raw material cost increases on the ingredients of this item mounted over recent months by a series of changes. These, together with higher freight rates and manufacturing costs finally forced an upward price adjustment in this intermediate which amounted to 11½ cents per pound. Less than carlot drum quantities were priced at 88½ cents per pound under the new schedule which becomes effective immediately on spot and October 1 on contract.

Paranitro - orthoaminophenol — This phenolic intermediate under the influence of steadily rising raw material costs was advanced in price to a new level of 99 cents per pound. This quotation becomes effective immediately on spot and October 1 on contract.

Phenyl J Acid—The current spot price on this intermediate was quoted as $3.33 per pound and this price level will prevail on contract during the fourth quarter.

Phthalic Anhydride — There was no change in this market last week from the generally short supply position reported over recent weeks. Buying continued heavy and out of proportion to increased consumption. Prices were still quoted at a spread of 1½ cents per pound between different producers, and this price spread was destined to characterize the market over the next several weeks, because one leading producer announced a price advance of 1½ cents per pound over his former schedule of 17½ cents, carlot bags, effective November 1 on contract, and some producers had not as yet made announcements of any such change. This 1½ cent price spread began in August.

Tar Acid Oils—These commercial blends of acid and neutral oil were advanced in price from 2½ to 8 cents per gallon depending upon their cresylic acid content.

For example, under the new schedule, the 15 to 18 percent tar acid oil was quoted at 35½ cents per gallon in tankcars, 43½ cents in drum carlots, and 46½ cents in less than carlot drum quantities; the 25 to 28 percent oil at 42½ cents per gallon in tankcars, 50½ cents in drum carlots, and 53½ cents in less than carlot drum shipments; while the 50 to 53 percent oil was priced at 60 cents in tankcars, 68 cents in drum carlots, and 71 cents in less than carlot drum quantities. Prices were effective September 15 on spot and October 1 on contract.

Xylenol Fractions—Prices were advanced 5 cents per gallon last week effective on spot and October 1 on contract. This was an upward adjustment made to partially offset increased manufacturing and raw material costs. Under the new schedule xylenol fractions, except meta, with a boiling range of over 7°C were priced at 95 cents per gallon in tankcars, $1.06 in drum carlots, and $1.09 in less than carlot drum quantities. Meta fractions with a boiling range of over 7°C, were priced 10 cents per gallon higher.

Obituaries

Dr. John Johnston

Dr. John Johnston, retired director of research for the United States Steel Corporation, died in Bar Harbor, Me., September 12. He was sixty-nine years old.

Dr. Johnston served on the staff of the geophysical laboratory of the Carnegie Institute of Washington from 1909 until 1917 and then spent two years as head of research for the American Zinc, Lead & Smelting Company.

From 1919 until 1927 Dr. Johnston was Sterling professor of chemistry and director of Yale University's chemistry department. He became director of research for United States Steel in 1927 and retired four years ago.

Daniel N. Calkins, a founder and former president of the Rochester Germicide Company, Rochester, N. Y., was found dead of a bullet wound in the heart September 12. The city coroner stated he would issue a certificate of suicide.

William F. R. Murrie, retired president of the Hershey Chocolate Corporation, Hershey, Pa., died there September 8.

Mrs. Morris R. Poucher, widow of the pioneer in the American dye industry, died in Bronxville, N. Y., September 11 at the age of eighty-eight. The late Mr. Poucher was a founder of the Chemical Foundation, Inc., New York.

James Silvis, assistant manager at the Eldred, Pa., plant of the National Powder Company, was killed in an explosion at the plant September 12,

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Textile and Leather Chemicals

Firm conditions continued to prevail in the textile and leather chemicals market last week. Consuming demand continued at a steady pace for spot and later requirements. Price structure was firm, with fractional advances taking place in corn dextrin and starch, tapioca flour and wattle bark and extract. Bichromates were strong at the recent advances. Sodium and zinc hydrosulphite also were firmer and lifted 1½ cents per pound for spot and last quarter delivery due to higher production costs. Other chemicals were unchanged, but steady.

Increased cost for corn resulted in a fractional advance in corn dextrin and starch, which were in active request for prompt requirements. Supplies of tapioca flour on the spot have been appreciably reduced by improved demand and light stocks were lifted fractionally. Potato starch continued in good demand for immediate needs. Sago was firm and unchanged on spot, reflecting the high cost of replacements.

Tanning materials commanded more buying interest for replacement. Market remained steady. Higher prices were named for wattle bark and extract and a moderate volume of business was reported at the advance. Offers for shipment were limited and restricted business. Quebracho extract also was in active request. Reports from the Argentine stated that prices for shipment were maintained at prevailing levels, despite the devalued peso.

Market Trends

Prices Advanced

Corn dextrin, 5c. per 100 lbs.
starch, 5c. per 100 lbs.
Tapioca flour, ¼c., ex warehouse.
Sodium hydrosulphite, 1½c. per lb.
Wattle bark, fair average, $3.50 per ton.
merchantable, $2 per ton.
Zinc hydrosulphite, 1½c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Sept. 16, 1949
255.1	255.1	253.4	286.0	314.8

(*For Current Prices see Page 9*)

Chemicals

Acetic Anhydride—Steady movement into consuming channels continued last week. Market was firm and quotably unchanged.

Bichromates—Price advance of ¾c. per pound became general last week as other manufacturers followed the lead of the leading producer. The advance was due to the high production costs and further price increases forthcoming for soda ash October 1. Consuming demand continued active. Supplies were limited as production continued to feel the scarcity of soda ash. New prices follow:—Sodium bichromate, 10½c. per pound, carlots or truckloads and 10¾c. to 11½c. for smaller lots; sodium chromate, 12¼c. per pound, carlots or truckloads and 12½c. to 13¼c., less carlots, and potassium bichromate, 14c. per pound, carlots or truckloads, and 14¼c. to 15c., for smaller quantities.

Sodium Acetate—Firm conditions prevailed in this market. Demand was of steady volume. Prices were maintained at unchanged levels.

Sodium Hydrosulphite — Supplies were scarce and demand active. In some quarters the price for spot and October forward delivery was advanced last week 1½c. to 23½c. per pound, drums, carlots, and to 24c. less carlots due to the increased cost of soda ash and other basic materials.

Sulphonated Oils—The strength of basic oils and fats was reflected in sulphonated grades. Prices were firm and for both castor and oil and tallow. Demand was fairly active.

Sizing Materials

Blood Albumin—Consumers continued to take moderate quantities for immediate and later requirements. Albumin and dried soluble blood were quotably unchanged.

Corn Dextrin—Market was firmer and quotations were lifted 5c. per 100 pounds for all grades. Trading continued active for spot and later delivery. Gum was advanced to $7.70 per 100 pounds, paper bags, carlots, New York delivery; canary, $7.54; dark, $7.64, and white, $7.39, same basis. Less carlots were 15c. per 100 pounds more. Orders were accepted only at the market price on date of delivery.

Corn Starch—Prices were increased 5c. per 100 pounds for pearl and powdered. Consuming demand continued keen for prompt delivery. Pearl starch was advanced to $5.97 per 100 pounds, paper bags, carlots, New York, and powdered to $6.08, same basis. Smaller quantities were 15c. higher. Government crop report as of September 1 forecast corn production at 3,162,638,000 bushels, against 3,167,607,000 bushels the previous month; 3,377,790,000 bushels, the final production last year and 10-year average of 2,900,932,000 bushels. Early frosts were causing farmers some concern. Visible corn supply was increased 557,000 bushels to 38,752,000 bushels for the week ended September 9, compared with 5,270,000 bushels for the same time last year, according to the Chicago Board of Trade.

Egg Albumen — Buying interest was fairly active, with consumers taking moderate quantities for prompt needs. Market was steady and unchanged. Edible flake was held at $1.35 to $1.37 per pound, and powdered at $1.39 to $1.41 per pound, as to quantity. Technical was unchanged at 75c. to 80c. per pound, according to quantity and quality. Government report as of September 1 estimated egg production at 4,221,000,000 during August, against 4,637,000,000 in July and 3,852,000,000, August last year. Total output amounted to 43,347,000,000 during January-August inclusive compared with 38,413,000,000 during the same period last year. Department of Agriculture announced that the purchase of dried eggs will be continued during October, November and December at 25c. per dozen to producers and 27c. when delivered to the drier.

Egg Yolk—The State Department announced the removal of tariff concessions on imports of egg yolk and albumen and dried whole eggs from China which will increase the duty 10c. per pound from 17c. to 27c. per pound. The new rate becomes effective 30 days from the date of the President's proclamation. Chinese yolk was entirely nominal at 90c. per pound, duty paid, spot. Domestic yolk was steady at $1.16 to $1.20 per pound, according to quantity.

Potato Starch — Consuming demand continued active for spot and later delivery. Market was steady. Carlots were maintained at 5¼c. per pound, f.o.b. mills, Maine and Idaho. Supplies on the spot were unchanged at 7½c. to 7¾c. per pound, ex warehouse. Potato production will set a new record, according to the government crop report as of September 1. Yield per acre was estimated at 230 bushels compared with the previous record of 216 bushels per acre in 1948. The crop was forecast at 420,286,000 bushels, compared with the 1949 production of 401,962,000 bushels and 10-year average of 403,284,000 bushels.

Sago Flour — This market continued strong due to the high cost of replacements. Light stocks on the spot were held at 7½c. to 7¾c. per pound, as to quantity.

Tapioca Flour — Supply situation on spot has become tighter due to active demand. Market was firmer. Prices of higher grades were lifted ¼c. Brazilian high grade was advanced to 7½c. to 7¾c. per pound, and mediums to 7c. to 7¼c. Low was unchanged at 6c. to 6¼c., ex warehouse, as to quantity.

Tanning Materials

Chestnut Extract — Tanners absorbed moderate quantities for actual needs. Market was steady at unchanged quotations.

Cutch—Buying interest was active for prompt and later requirements. Prices for shipment were unchanged and firm at 6¾c. per pound, ex dock.

Quebracho Extract—Reports from the Argentine stated that prices for shipment were unchanged and firm, despite the devaluation of the peso, which prompted belief in some quarters that prices would be lower. However, the price of quebracho for shipment was adjusted to prevailing levels. Demand was active for shipment and offerings were limited. It was reported that the U. S. government was seeking material for stockpile needs.

Wattle—Prices were stronger for both bark and extract. Merchantable bark was advanced $2 to $67 per ton and fair average, $3.50 to $71 per ton, ex dock. Extract was lifted 3/5c. per pound, to 7.70c. to 7.80c. per pound, duty extra, as to seller. Sales of both materials took place at the higher levels, but the volume was restricted owing to light offers.

For Late Market Developments, See Page 4

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Drugs and Fine Chemicals

The market price of a wide range of drugs and industrial organic chemicals advanced last week. In many cases these were price increases on which we had previously reported announced higher schedules by individual producers effective immediately on spot and October 1 on contract, but on which other producers had not as yet all moved. Last week, being the week just before the deadline on many contracts for advance notices, the market cleared higher on most items which had heretofore carried a price spread over recent weeks. Some of the many advances reported herein, however, were initiated last week such as the glycerophosphates.

Alcohol remained critically short, and pending the arrival of new crop molasses a few months hence, was certain to continue short despite considerable imports. The low production of alcohol resulted in a serious curtailment of fermentation source ester output and a tightening of ethyl derivatives. Glycols were hurt by the chlorine shortage.

Methanol was firmer but not scarce, and formaldehyde from an overall standpoint was in good supply. Price advances were made in magnesium, bismuth, lead, and zinc salts. Tartrates were generally higher. But menthol, in a more free spot market, declined.

Acetanilide—The combined output of technical and USP material in June amounted to 559,046 pounds. Prices were firm at their recently higher levels established during the quarter. Demand for the technical grade was well sustained, but USP material was in limited call.

Acetylsalicylic Acid—The aspirin market was characterized by a sustained strong demand at price schedules which remained firm after the advance of several weeks ago. Demand was seasonally on the increase as is usual during the Winter months. June production was reported at 921,269 pounds, compared with the May output of 866,788 pounds, according to the Tariff Commission.

Alcohol—Virtually all producers advanced prices within the past two weeks, but there was at least one producer who did not plan to effect an upward price adjustment prior to October 1. Accordingly OPD price quotations continued to carry a spread in prices, such as the quotation on pure alcohol of 45 to 75 cents per gallon. However, the great bulk of the alcohol which formerly moved at 45 cents per gallon was now moving at 50 cents. Some producers quoted 65 cents and others 75 cents per gallon.

Supplies were so scarce that all producers could readily sell all that they were able to make, and at their own price. It was a far different picture than the alcohol market usually presents. Currently no producer cared what his competitor's price might be, whereas a year or more ago, the market was so competitive that business virtually could not be done on a price spread of ½ cent per gallon.

Argols—The replacement price position has become a deal firmer at the higher level of $17 per 100 kilos, 100 percent purity. The outlook abroad was more favorable to further rise in shipment quotations than to any other market development. Remaining stocks were in strong to firm hands abroad.

Bismuth Metal and Salts—Prices for metal held firm and unchanged. Minor bismuth salts were established at a higher price level in conformity with the rise in quotations on major salts in the previous week. New quotes on minor salts were:—Chloride, $5.11 per pound; hydroxide, $4.65; nitrate, $2.17; oxide, $4.47 to $4.85; oxychloride, $4.32 to $4.37; phenolsulphonate, $5.22, and subiodide, $5.37.

Butyl Acetate—Normal acetate of fermentation sources was variously quoted over a 10c. per pound spread between different producers, the lowest quotation being 17c. per pound. Synthetic production after a price rise of 1½c. per pound effective immediately on spot and October 1 on contract, was quoted at 14½c. per pound in tankcars, 16¼c. in drum carlots, and 17¼c. in less than carlot drum quantities.

Butyl Alcohol—Fermentation material was still quoted over a wide price range, the minimum quotation being 16c. per pound. After a price advance of 1½c. per pound, synthetic normal alcohol was priced at 14½c. per pound in tankcars, 16¼c. in drum carlots, and 17¼c. in less than carlot quantities. These prices were effective immediately on spot and October 1 on contract.

Castor Oil—Prices were unchanged and beans remained essentially on a nominal basis.

There were no arrivals of beans at American ports last week, whereas the previous week imports amounted to 51,313 bags equivalent to 7,696,950 pounds, compared with imports of 22,382 bags or 3,357,300 pounds during the week corresponding to last week, in 1949.

Total arrivals so far this year amounted to 982,342 bags equivalent to 147,351,300 pounds, compared with 1,169,500 bags or 175,425,000 pounds during the corresponding period of last year.

Corn Syrup—Prices were advanced 5c. per 100 pounds on this item last week as a reflection of the stronger commodity market. Supplies were said to be short and orders were being taken on the basis that the price charged the customer would be at the market price prevailing on the date of delivery.

Cream of Tartar — Production costs were expected to rise further in view of the present strength obvious in the foreign market position of argols. The higher quotations on the tartrate that were set in the previous week continued to prevail in an atmosphere of strength.

Creosote—NF and beechwood materials were advanced 10 cents per pound and

Market Trends

Prices Advanced

Acid, ethylhexoic, 1c. per lb.
Glycerophosphoric, 35%, 10c. per lb.
Tartaric, 5c. per lb.
Argols, $2 per 100 kilos.
Bismuth chloride, $1.14 per lb.
Hydroxide, 45c. per lb.
Nitrate, 30c. per lb.
Oxide, 45c. per lb.
Oxychloride, 35c. per lb.
Phenolsulphonate, 52c. per lb.
Subiodide, 45c. per lb.
Butyl acetate, syn., 1½c. per lb.
Alcohol, normal, syn., 1½c. per lb.
Aldehyde, 2c. per lb.
Calcium glycerophosphate, 20c. per lb.
Corn syrup, 5c. per 100 lbs.
Cream of tartar, 4c. per lb.
Creosote, NF, 10c. per lb.
Beechwood, 10c. per lb.
Carbonate, 35c. per lb.
Diethyl sulphate, 1c. per lb.
Diethanolamine, 1c. per lb.
Diethyleneglycol, 1c. per lb.
Di-isopropylamine, 4½c. per lb.
Dipropyleneglycol, 1c. per lb.
Ether, ethyl, syn., 2c. per lb.
Ethyl acetate, fermentation, 4c. per lb.
Ethylene dichloride, 1c. per lb.
Oxide, 1c. per lb.
Ethyleneglycol, 1c. per lb.
Formaldehyde, ex methanol, ½c. per lb.
ex petroleum gas, ¼c. per lb.
Hexamethylenetetramine, tech. and USP, 1c. per lb.
Iron glycerophosphate, 20c. per lb.
Isophorone, 1½c. per lb.
Lead acetate, 1c. per lb.
Magnesium carbonate, tech. and USP, ½c. per lb.
Glycerophosphate, 25c. per lb.
Manganese glycerophosphate,
Methanol, 3c. per gal.
Methylamyl acetate, 1c. per lb.
Monoethanolamine, 1c. per lb.
Monoisopropylamine, 1c. per lb.
Oil, fishliver, crudes, 1c. to 2c. per 1,000,000 units.
Paraformaldehyde, ½c. to 1c. per lb.
Potassium glycerophosphate, 10c. per lb.
Propyleneglycol, 1c. per lb.
Rochelle salt, 3c. per lb.
Sodium bicarbonate, USP, 15c. per 100 lbs.
Glycerophosphate, cryst., powd., 15c. per lb.
75% solution, 10c. per lb.
Tartar emetic, 2c. per lb.
Triethanolamine, 1c. per lb.
Triethylamine, 6¼c. per lb.
Vinyl acetate, 1c. per lb.
Zinc oxide, 1¼c. per lb.
Stearate, USP, 3c. per lb.

Prices Reduced

Menthol, $1 per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Sept. 16, 1949
262.5	263.9	258.2	254.4	262.1

(*For Current Prices see Page 9*)

Alcohol Data: July

Data on production, consumption and stocks of alcohol in July were reported last week by the Department of Commerce. Data on denatured alcohol, in wine gallons, for July, as compared with June and July, 1949, were given as follows:—

	1950		1949
	July	June	July
Production	18,719,000	19,146,000	10,097,000
Consumption	18,204,000	18,387,000	10,556,000
Stocks	2,611,000	2,230,000	8,266,000

Statistics on ethyl alcohol, in proof gallons, for July, as compared with June and July, 1949, were reported as follows:—

	1950		1949
	July	June	July
Production	31,737,000	31,108,000	23,760,000
Stocks, total	21,619,000	23,229,000	53,788,000
In industrial alcohol bonded warehouses	20,489,000	22,264,000	53,273,000
In denaturing plants	1,130,000	964,000	515,000
Withdrawn for denaturing	33,018,000	34,597,000	18,663,000
Withdrawn tax-paid	4,986,000	4,188,000	2,664,000

For Late Market Developments, See Page 4

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the carbonate 35 cents per pound. These advances were the first price changes in a long period of time, and reflected an accumulation of increased material, manufacture, and shipping costs. Under the new price schedules in drum quantities the NF material was quoted at 95 cents per pound, the beechwood at $1.25, and the carbonate at $2.70.

Ethyl Acetate—Synthetic material remained at 10 cents per pound for the 85 percent grade, with the usual price differentials for the higher concentrations. Fermentation material was forced upward by steadily increasing costs to a point where prices in tankcars ranged anywhere from 14 to 17 cents per pound, depending upon the producer. Supplies were tight, reflecting the alcohol shortage.

Ethyl Ether—Prices on synthetic material were advanced 2 cents per pound effective immediately on spot and October 1 on contract. This brought tankcars to 12 cents per pound, drum carlots to 14 cents, and less than carlot drum quantities to 16 cents.

Fishliver Oils—By virtue of the extremely limited North American production of crude oils, the high domestic consumption of all types of vitamin A, and the high prices demanded by foreign producers, this market strengthened very noticeably last week. Prices were somewhat higher, averaging from 1 to 2 cents per 1,000,000 units over former schedules.

Formaldehyde — Material made from methanol was advanced 0.5 cents per pound in tankcars and 0.55 cents in drums. Meanwhile, material made by petroleum gas oxidation was advanced only ¼ cent per pound. These changes applied to both inhibited and uninhibited material.

Increased costs were back of the formaldehyde price increases. Methanol was increased 3 cents per gallon. Operational and raw material costs in the gas oxidation process were likewise higher. The latter producers felt that prices between this and methanol source material were from a cost and increased production viewpoint subject to a justified price differential, and accordingly increased prices ¼ cent instead of ½ cent. Heretofore the two different sources of formaldehyde had quoted comparable prices. This currently establishes a price spread between the two.

Under the new schedule, on a delivered basis in certain Eastern areas, and on an f.o.b. works basis in other areas, in accordance with the complicated selling basis which has been in effect since December of 1948, prices were as follows:—

Inhibited formaldehyde in tankcars ranged from 3.95c. to 4.20c. per pound, in drum carlots the price ranged from 6.0c. to 6.25c., and in less than carlot drum quantities the price ranged from 6.5c. to 6.75c. per pound. The uninhibited methanol-free formaldehyde was quoted in tankcars at a range of 3.75c. to 4.0c. per pound.

Glycerin—The market was characterized by acute shortages and continued wide price differentials between different producers. Because of the critical scarcity of glycerin, the USP Revision Committee was being requested to reduce the glycerin content of USP preparations. The USP Revision Committee meets September 22.

Glycerophosphates — Reflecting the sharply higher prices prevailing in the glycerin market, prices of all glycerophos-

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phates were advanced last week. The advances over former schedules were as follows:—Calcium up 20 cents per pound, sodium crystals and powder up 15 cents; sodium 75 percent solution up 10 cents; iron up 20 cents; manganese up 20 cents; magnesium up 25 cents; potassium up 10 cents, and the 35 percent acid up 10 cents.

In 1,000 pound quantities and in 100 pound lots the respective price quotations per pound under the new schedule were as follows:—Calcium, $1.85 and $2; sodium crystals, $1.85 and $1.95; sodium powder, $1.85 and $2; sodium 75 percent solution, $1.06 and $1.11; iron, $4.45 and $4.55; manganese, $4.25 and $4.45; magnesium, $5.10 and $5.20; potassium, $2.15 and $2.25, and on the 35 percent acid, $2.25 and $2.35.

Glycols—By last week the new higher price schedules on glycols were generally effective throughout the market on spot and effective October 1 on contract. The price advance amounted to 1c. per pound on tankcars and 1¼c. on drums or cylinders. These price schedules which were higher by this amount applied to diethyleneglycol, dipropyleneglycol, ethyleneglycol, ethylene dichloride, ethylene oxide, and propyleneglycol. Propylene dichloride and propylene oxide were not advanced.

Hesperidin Methyl Chalcone — This vitamin P drug was available in commercial quantities at $50 per pound, and while it was not produced and used in large volume as yet, there was a growing interest in the material from an end-use standpoint. Accordingly, pharmaceutical manufacturing consumption was expected to steadily increase.

Lead Acetate—Reflecting the climbing metal market, USP and technical acetate was advanced in price last week by 1c. per pound. This brought USP material in barrels to 26c. per pound for the crystals and 27c. for the powder. Technical material was quoted at 21c. for the crystals and 22c. for the powder.

Magnesium Carbonate — The carbonate was the only magnesium salt to move last week, advancing ½c. per pound across-the-board, for both technical and USP grades.

Menthol—Due to purely local conditions, spot prices were at least as low as $13.50 to $14 per pound and business of a substantial sort was done last week at prices below the $13.50 level. The local situation was entirely out of line with that at the origin—exactly as it has been for some time past. When the spot was $15 per pound recently, replacements could be bought in China around $9. Today, decline in the purchasing power of the dollar in China suggested that replacement was probably up about 60c. per pound. The $15 figure became a reality solely because merchandise in hand was worth more to buyers than were their dollars. The supply situation in this market has been relieved materially by recent arrivals and, consequently, those importers with menthol still unsold were disposed to take profits. Hence, the fall in the market to at least $13.50.

Methanol—Effective immediately on spot and October 1 on contract prices in the market moved up 3c. per gallon. In the East tankcars were quoted at 29c. per gallon in tankcars, 41c. in drum carlots, and 46c. in less than carlot drum quantities. Prices in the West were quoted at 32½c. per gallon in tankcars, 46½c. in drum carlots, and 51c. in less than carlot drum quantities.

Methylamyl Acetate—This ester solvent was advanced 1c. per pound effective immediately and October 1 on contract. The new schedule listed tankcars at 13½c. per pound, drum carlots at 15¼c., and less than carlot drum quantities at 16¼c.

Rochelle Salt—Basic conditions dominant in the position of all tartrates suggested that further price advances in this salt would not come as a surprise. The price position of argols abroad was strong, influencing tartaric acid in that direction.

Paraformaldehyde—The powder of 94 to 95 percent purity was advanced by ½c. per pound in some quarters and by a full cent in others. The price advances in each case were across the board.

The net effect of these price changes by different producers was as follows:—

On a delivered basis in the metropolitan area, lots of 30,000 pounds or more were quoted by one producer at 16c. per pound. In quantities of 10,000 pounds to 29,999 pounds, prices varied from 17¼c. to 17½c. per pound. Lots of 1,000 to 9,999 pounds were quoted in a range of 18¼c. to 18½c. per pound. Less than 1,000 pounds was quoted at 19¾c. to 20¼c. per pound.

On an f.o.b. works basis, 94 to 95 percent material after price revisions was quoted as low as 14c. per pound in carlots, 15c. in 10,000 to 29,999-pound lots, and 16c. in lots of 1,000 to 9,999 pounds, and 18c. per pound for less than 1,000 pounds.

Flake material of 91 to 92 percent purity was likewise advanced 1c. per pound, making carlots 12c.; 10,000 pounds to carlots, 13c.; 1,000 pounds to 9,999 pounds, 13c., and less than 1,000 pounds, 16c. per pound on an f.o.b. works basis. In the metropolitan New York area on a delivered basis, this flake material was quoted at 14c. per pound in carlots, 15½c. in lots of 10,000 to 29,999 pounds, 16½c. in 1,000 to 9,999 pound lots, and 18½c. in lots of less than 1,000 pounds.

Pectin—The NF powder was quoted in barrels at $2.05 per pound, while the technical grade for use in jelly and other foodstuffs was quoted in barrels at $1.35 per pound. Demand was reported as well sustained, and being promptly supplied from adequate stocks.

Tartaric Acid—The market was firmly maintained on the basis of the late price rise. Furthermore, there were those on spot who expected that still further advances would come because of the very evident strength in raw material.

Quaker Expands in Detroit

Quaker Chemical Products Corporation, Conshohocken, Pa., has awarded contracts for expanding plant and storage facilities in Detroit by approximately 50 percent. Completion is scheduled for the end of the year.

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That's why we've issued a booklet called "U.S.P. XIV and the Vitamin A Business." It answers such questions as:

Why a new assay method?
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Where does the new method apply?
How does the new assay method affect vitamin A buying?

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TRADE MARK

LUCIDOL DIVISION
NOVADEL-AGENE CORPORATION
BUFFALO 5, NEW YORK

Current Prices

—Continued from page 35

X

Xanthorrhiza root, bls.	lb.	.28	.30
Xylene (see Xylol).			
Xylenol, cryst., 56°-58°C. m.p., ret. dms., c.l., works, frt. equald.	lb.	.193	—
i.c.l., same basis	lb.	.196	—
tanks, same basis	lb.	.18	—
45°-47°C., dms., c.l., frt. equald.	lb.	.153	—
i.c.l., same basis	lb.	.156	—
tanks, same basis	lb.	.14	—
fractions, over 7°C., b.p., except meta, dms., c.l., same basis	gal.	1.01	—
i.c.l., same basis	gal.	1.04	—
tanks, same basis	gal.	.90	—
Meta fraction, over 7°C., dms., c.l., same basis	gal.	1.11	—
i.c.l., same basis	gal.	1.14	—
tanks, same basis	gal.	1.00	—
Xylidins, mixed, dms	lb.	.45	.50
Xylol, coaltar, industrial, tanks, works—			
Bethlehem, Pa.	gal.	.29	—
Birmingham district	gal.	.26¼	—
Chicago district	gal.	.29½	—
Cleveland district	gal.	.29	—
Geneva, Utah	gal.	.21	—
Hamilton, Ohio	gal.	.28	—
Johnstown, Pa.	gal.	.27	—
Lackawanna, N. Y.	gal.	.29	—
Lone Star, Tex.	gal.	.27	—
Lorain, Ohio	gal.	.27	—
Minequa, Colo.	gal.	.29	—
Philadelphia, Pa.	gal.	.29	—
Pittsburgh district	gal.	.26	—
Sparrows Point, Md.	gal.	.29	—
St. Louis, Mo.	gal.	.30	—
Syracuse, N. Y.	gal.	No prices.	
Terre Haute, Ind.	gal.	.31	—
Wyandotte, Mich.	gal.	.29	—
Youngstown, Ohio	gal.	.26½	—
Petroleum, indust., 10°, tanks, works:—			
Albany, N. Y.	gal.	.30	—
Bayonne, N. J.	gal.	.30	—
Baytown, Tex.	gal.	.28	—
Chicago, Ill.	gal.	.30	—
Detroit, Mich.	gal.	.30	—
Philadelphia, Pa.	gal.	.30	—
Providence, R. I.	gal.	.30	—
Wood River, Ill.	gal.	.30	—

Y

Yara, yara, cns.	lb.	2.00	2.25
Yeast, brewer's dry, USP, 50 B units per gram, 100-lb. dms	lb.	.44	.46
80 B units per gram, 100 lb. dms	lb.	.49	.51
200 B units per gram, 100 lb. dms	lb.	.53	.55
300 B units per gram, 100 lb. dms	lb.	.57	.59
Yellow, barium chromate, CP, bgs., i.c.l., dlvd. N. of Tenn. and N. C., E. of Miss., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul	lb.	2.80	—
Barium chromate yellow price differentials in other States and city zones are those for chrome yellow below.			
Benzidin, bbls., dlvd.	lb.	1.60	1.70
Cadmium, CP, all shades, bbls., frt. alld. E. of Rockies	lb.	2.65	2.80
Lithopone, all shades, bbls., frt. alld. E. of Rockies	lb.	1.02	—
Cadmium yellows, Los Angeles and San Francisco ex whse i.c. per lb. higher.			
Chrome, CP, bbls., dlvd. N. Tenn. and N. C. E. of Miss., including Davenport, Minneapolis, Rock Island, apolis	lb.	.25	.29
Dlvd. Ala., Fla., Ga., La., (Shreveport) 1¼c. higher; Miss., N. C., S. C., Tenn., Dallas, Tex., 1¼c. higher; Ft. Worth, Tex. 1½c. higher; El Paso, Tex., 2c. higher; Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, 1.6c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita prices are equalized with Chicago.			
Yellow, hansa, bbls., same basis as chrome	lb.	1.60	1.70
Primrose, bbls., same basis	lb.	1.90	2.10
Iron oxide, natural, bgs., c.l., works	lb.	.0141-	.0250
i.c.l., works	lb.	.0166-	.0275
French type, bgs., c.l.	lb.	.04½-	—
i.c.l.	lb.	.04¾-	—
Peruvian type bgs., c.l.	lb.	.0185-	.0210
synth., bgs., c.l., works	lb.	.09½-	—
i.c.l., works	lb.	.09¾-	—
Mercury oxide, bbls., 1,000 lbs	lb.	1.93	—
smaller lots	lb.	1.95	—
Ocher American golden, bgs., works	lb.	.01¼	.02¼
Zinc, bbls. same basis as chrome	lb.	.21	.26
Yellow dock root, bls.	lb.	.16	.25
Yellow xanthorrhiza (see Xanthorrhiza)			

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Z

Zein, bgs., 36,000 lbs., works... lb. .30 - —
1,000 lbs. to 36,000 lbs., works lb. .32 - —
smaller lots, works..... lb. .35 - —
Zinc acetate, tech., bbls., dms... lb. .26¼ - —
NF, dms..... lb. .41 - —
Borate, bgs., c.l., dlvd. E....lb. .18½ - —
l.c.l., dlvd. E.....lb. .19½ - —
Carbonate, purified, powd., dms. lb. .26 - —
tech., rubber makers', bgs., works lb. .10¾ - .11¼
precipitated, powd. dms.lb. .25 - —
Chloride, tech., fused, dms., c.l., works 100 lbs. 7.70 - —
l.c.l., works 100 lbs. 8.10 - —
gran., bbls., c.l., works.100 lbs. 8.45 - —
l.c.l., works .....100 lbs. 8.85 - —
solution, 50% dms., c.l. works. 100 lbs. 4.25 - —
l.c.l., works .....100 lbs. 4.85 - —
tanks, works.....100 lbs. 3.60 - —
NF, gran., dms ..... lb .42 - —
Chromate see Yellow, zinc).
Cyanide, kgs., works.....lb. .422 - .442
Dust, bbls., c.l., works.....lb. .1225 - —
dlvd. .....lb. .1250 - —
l.c.l., works .....lb. .1260 - .1325
Fluoride, bbls., works.....lb. .40 - —
Hydrosulphite, dms. c.l., frt. alld. lb. .18¼ - —
l.c.l. .....lb. .18¾ - .20¾
Iodide, NF, jars.....lb. 4.85 - —
Laurate, bbls .....lb. .45 - .46
Metal, slabs, E. St. Louis .... lb. .17½ - —
Naphthenate, liquid, 8% Zn, frt. alld. lb. .20¼ - .22
10% Zn, dms., frt. alld..... lb. .26 - .26¾
Oleate, fused, bbls..... lb. .36 - —
Oxide, pigment, dom., acicular, bgs., c.l., dlvd. lb. .16 - —
l.c.l., dlvd..... lb. .17 - —
American process, com'l, lead-free, bgs., c.l., dlvd. lb. .16 - —
l.c.l., dlvd..... lb. .17 - —
leaded, 5%, bgs., c.l., dlvd. lb. .16 - —
l.c.l., dlvd..... lb. .17 - —
35%, bgs., c.l., dlvd. lb. .16¼ - —
l.c.l., dlvd..... lb. .17¼ - —
50%, bgs., c.l., dlvd. lb. .16⅜ - —
l.c.l., dlvd..... lb. .17⅜ - —
French process, com'l, lead-free, bgs., c.l., dlvd. lb. .16 - —
l.c.l., dlvd..... lb. .17 - —
green seal, bgs., c.l., dlvd. lb. .17¾ - —
l.c.l., dlvd..... lb. .18¾ - —
red seal, bgs., c.l., dlvd. lb. .17¼ - —
l.c.l., dlvd ..... lb. .18¼ - —
white seal, bgs., c.l., dlvd. lb. .18¼ - —
l.c.l., dlvd..... lb. .19¼ - —
USP, ctns., c.l., dlvd..... lb. .19¼ - —
l.c.l., dlvd..... lb. .20¼ - —
Zinc oxide Pac. coast prices 1c. higher; bbl. prices ¼c. higher than bgs.
Phenolsulphate, dms..... lb. .36 - —
Resinate, precip., dms., frt. alld lb. .23½ - —
Silicofluoride, bbls., works.... lb. .10 - .10½
Stearate, tech., USP, ctns., c.l. lb. .39 - —
ton lots..... lb. .40 - —
less ton lots..... lb. .41 - —

Zinc sulphate, cryst., 22% Zn, bgs., c.l., works, frt. alld..... 100 lbs. 6.15 - —
l.c.l., same basis .100 lbs. 6.55 - —
flake, 25½%, Zn, bgs., c.l., works, dlvd 100 lbs. 4.80 - 5.35
l.c.l., works ..100 lbs. 5.75 - 8.25
powdered, 36% Zn, bgs., c.l., dlvd., same basis..100 lbs. 8.25 - —
l.c.l., same basis ..100 lbs. 9.00 - —
Zinc sulphate in bbls. 40c. higher
USP, gran., dms..... lb. .23 - .23½
Sulphide, pure, bgs., c.l., dlvd. lb. .24 - —
l.c.l., dlvd.....lb. .25 - —
Thionosulphonate, NF, gran., bbls., dms. lb. .33 - .34
powd., bbls ..... lb. .36 - .37
Undecylenate, dms.....lb. 1.90 - 2.00
Yellow (see Yellow, zinc)
Zinc-ammonium chloride, bgs., c.l., works .100 lbs. 7.35 - —
l.c.l., works .....100 lbs. 7.75 - 10.25
Zinc-cadmium sulphide, fluorescent, cns., frt. alld lb 2.00 - 2.80
Zinc-calcium resinate, dms., c.l., works lb. .1180 - .1360
l.c.l. same basis lb. .1220 - .14
Zinc-formaldehyde sulphoxalate, basic, dms., works. lb. .22½ - —
normal, dms., works .....lb. .44 - —
Zircon (see Zirconium silicate)
Zirconium acetate 13% sol ZrO_2, nbls. works lb. .21¼ - —
Carbonate, basic, cake, bbls., works lb. .30½ - —
Hydride cns. works.... lb. 7.00 - 8.00
Nitrate dms. works .. lb. 1.75 - —
Oxide 98¼-99% white, grd., bbls. or bags, works lb. 1.50 - —
lump, electric-fused, bgs., c.l., works lb. .44 - —
5 tons, works lb. .44½ - —
1 ton or less works lb. .45 - .48
milled, electric-fused bgs., c.l., works lb. .59 - —
5 tons works lb. .59½ - —
1 ton or less, works lb. .60 - .63
Oxychloride, cryst. ctns., 5 tons, works lb. .29½ - —
Silicate, granular, bgs., c.l., works. lb. .03¼ - .03¾
10 tons, works ..... lb. .03½ - .04
5 tons, works ..... lb. .04 - —
1 ton or less, works..... bl. .04¼ - .04¾
milled, bgs., c.l., works..... lb. .04¾ - —
5 tons, works ..... lb. .05¼ - —
1 ton or less works ..... lb. .05¾ - .06¼
refined, bgs., c.l. works..... lb. .11 - —
works lb. .11 - —
5 tons, works lb. .11¼ - —
1 ton or less, works lb. .12 - .16
Sulphate, cryst., ctns., c.l., works lb. .37½ - —
5 tons, works ..... lb. .38 - —
1 ton or less, works lb. .38½ - .39

Trade Briefs

Arthur S. LaPine & Co., Chicago, has expanded to eight pages its "Lanco Apparatus News."

Royden Stewart, since 1948 editor of the *Glass Packer*, has been appointed managing editor of *American Druggist*.

Procter & Gamble, Cincinnati, announced September 11 an immediate 7½ percent wholesale price increase on its wholesale soap products.

facts for
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Crystallization — one of the purification steps in use at Eimer & Amend's Edgewater, N. J. plant

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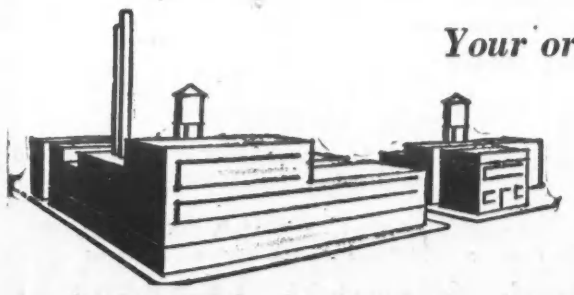

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Abbott Labs Promotes J. Marchand in Canada

Abbott Laboratories, North Chicago, Ill., has appointed Joseph Marchand to the newly created position of Canadian divisional manager, with headquarters in Montreal. Mr. Marchand, who joined Abbott in 1930, was formerly Montreal district manager.

Adrian Hebert, formerly assistant manager in the Montreal district, has been named manager of that district. He joined Abbott in 1923. R. F. McGrew, field manager of the hospital division, and W. W. Schulze, in charge of sales research and planning, have been named assistant sales managers at North Chicago. Mr. McGrew joined Abbott in 1935, and Mr. Schulze in 1932.

Synthetic Organic Chemicals Booklet Offered by Carbide

The 1951 edition of the booklet, "Physical Properties of Synthetic Organic Chemicals," has just been issued by Carbide & Carbon Chemicals Division, Union Carbide & Carbon Corporation This sixteen-page booklet is a condensed guide for users of organic chemicals. It presents data on applications and physical properties of more than 250 synthetic organic chemicals in tabular form for ready and easy reference. Copies may be obtained without charge by writing to Carbide & Carbon Chemicals Division, 30 East Forty-second street, New York 17, N. Y. Ask for Form 6136.

Amino Acids Offered

Research quantities of l-threonine and dl-allothreonine are now available for the first time, it was announced by the special chemicals division of Winthrop-Stearns, Inc., New York. Introduction of these amino acids brings to twenty-three the total number of varieties offered by the company.

Edwal Technician in N. Y.

Edwal Laboratories, Ringwood, Ill., will have a member of its technical sales staff at the Commodore hotel, New York, for consultation, during the weeks of September 18, October 9, November 6 and December 4.

Trade Briefs

Stuart J. Canter, formerly of Polytechnic Institute of Brooklyn, is now associated with Chemicals Procurement Company, New York.

Dr. George H. C. McKeown has been appointed medical administrator in the medical division of Sharp & Dohme, Inc., Philadelphia. He succeeds Dr. J. William Crosson, who has resigned.

SAACI Seeking Talent

The committee running the annual show of the Salesmen's Association of the American Chemical Industry last week issued a call for actors, dancers, singers, zither players, etc., for this year's production. Lyrics and scripts are written, only the human props are needed. Would-be entertainers are asked to appear at the initial get-together in the Roosevelt hotel, New York, at 6:15 p.m., September 21.

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PARA AMINOBENZOIC ACID PURIFIED
SODIUM BENZOATE U.S.P.
TERPIN HYDRATE N.F.
Booklet describing "Seydel" fine chemicals available on request
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Alcohol Taxpayment Stamps Authorized When Available

The Bureau of Internal Revenue has notified district supervisors and others concerned that distilled spirits stamps will be authorized for use for the taxpayment of distilled spirits as soon as the stamps become available. Requisitions have been placed for the printing of the stamps which will be in denominations ranging from $.01 to $50,000.

The stamps will be used for the taxpayment of distilled spirits transferred by pipeline from registered and fruit distilleries or internal revenue bonded warehouses to contiguous rectifying plants and taxpaid bottling houses, and for distilled spirits taxpayed in bulk gauging tanks in internal revenue bonded warehouses and then drawn into packages to which wholesale liquor dealer stamps are to be affixed.

The stamps are to be used, at the option of the distiller or warehouseman, in lieu of the certificate of taxpayment, form 1595, now prescribed in existing regulations. The bureau said that until the stamps have been printed and are available for sale, it will be necessary for distillers and warehousemen to continue to procure certificates of taxpayment, form 1595.

Antibiotics Monthly Journal To Begin Publication in 1951

A new medical journal, "Antibiotics," will make its first appearance in January, 1951, the Washington Institute of Medicine, which will publish the monthly, announced last week. Dr. Henry Welch, who directs the antibiotics division of the federal Food and Drug Administration, will be editor. He will be assisted by nearly fifty internationally known authorities including:—

Sir Alexander Fleming, discoverer of penicillin; Dr. Selman Waksman, discoverer of streptomycin; Dr. Charles E. Dutchess, medical director of Schenley Laboratories; Dr. Walton Van Winkle, of the American Medical Association; Dr. Rene J. Dubos, of the Rockefeller Institute; Dr. Maxwell Finland, of the Harvard University Medical Schools; Dr. Chester E. Keefer, of the Massachusetts Memorial Hospitals in Boston; Dr. Perrin Long, of the Johns Hopkins Medical School; Dr. Fordyce R. Heilman, of the Mayo Clinic; Dr. Wallace Herrell, also of Mayo; Dr. Theodore E. Woodward, of the University of Maryland; Dr. Guy P. Youmans, of the Northwestern University Medical School in Chicago, and Capt. Robert Babione, director of the navy's preventive medicine division.

The new journal will be published by the institute to meet the need for a special scientific publication in the field of antibiotics. Dr. Henry J. Klaunberg, institute president, will be executive editor. According to Dr. Welch, "Antibiotics" will feature regular departments on such topics as the fermentation, production, clinical aspects and pharmacology of the antibiotic drugs.

N-Methyltaurine Offered In Experimental Lots

N-methyltaurine, a versatile intermediate used as a building block for detergents, dyestuffs, pharmaceuticals and many other organic chemicals, is now available to industry in experimental quantities, it was announced recently by the industrial chemicals department of Antara Products, General Aniline & Film Corporation, New York.

Long a "captive" intermediate manufactured solely for General Aniline use, it is sold to industry in the form of an aqueous solution of its sodium salt. It is said to be a valuable, low-cost intermediate with many interesting potentialities. Other taurine derivatives with many possible applications can also be made by the company.

Bristol-Myers Assigns Brown to New Position

Robert B. Brown, vice-president of the Bristol-Myers Company, has been given additional duties as president of the company's products division. He has been with Bristol-Myers fourteen years, joining it as advertising manager in 1936.

Trade Briefs

Ethyl Corporation has appointed T. S. DuBose manager for the San Francisco area.

Howard H. Heilman, consulting chemical engineer, has become associated with Kerr & Co., Los Angeles engineering firm, as vice-president.

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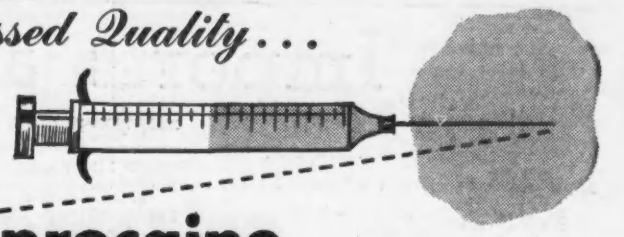

G I

procaine hydrochloride

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200 bls, Nagoya
50 bls, T M Duche, Kobe
ALKATHENE—2 dms, Time Appliance Co, Southampton
GRANULES—4 dms, Imperial Chemical Industries, Liverpool
2 dms, Republic Moulding Co, Liverpool
ALOES—39 ctns, R J Prentiss, Southampton
AMMONIUM CARBONATE—90 dms, Glasgow
CHLORIDE—1,333 bgs, United Sterling Corp, Hamburg
1,322 bgs, Chemical Manufacturing Co, Liverpool
882 bgs, Chemical Manufacturing Co, Liverpool
ANNATTO SEED—75 bgs, Unanue & Sons, Ciudad Trujillo
175 bgs, Marcel Calvet, Ciudad Trujillo
ANTIMONY ORE—291 bgs, Philipp Bros, Antofagasta
584 bgs, Assoc Metal & Mineral, Antofagasta
OXIDE—600 bgs, National Lead Co, Liverpool
BARIUM SULPHATE—80 kgs, Millmaster Chemical Corp, Liverpool
BARYTES—1 lot, E I du Pont de Nemours, Walton
BEESWAX—160 bgs, Wessel Duval, Rio de Janeiro
160 bgs, E A Bromund, Rio de Janeiro
21 bgs, Machado & Co, Ciudad Trujillo
50 seroons, Porcella Vicini, Puerto Plata
30 bgs, Geck Trading Corp, Ciudad Trujillo
BEESWAX—24 bgs, E A Bromund, Cape Haitien
21 bgs, Havana
51 bgs, Chase National Bank, Lisbon
BOLDO LEAVES—85 bls, S B Penick, Talcahuano
BENZOIN GUM—72 cs, S B Penick, Singapore
20 cs, Bangkok
BETANAPHTHOL, DRIED—20 dms, Barr Shipping Co, Hamburg
BRUCINE—5 cs, Lo Curto & Funk, Glasgow
10 cs, Lo Curto & Funk, Glasgow
BUTTONLAC—50 bgs, Colony Import & Export Co, Calcutta
CADMIUM—40 cs, F Kramarsky, Yokohama
40 cs, Kobe
49 cs, Overseas Metal & Ore Corp, Rotterdam
CALCIUM HYPOPHOSPHITE — 100 cs, Oldbury Electro Chemical Co, Avonmouth
CAMPHOR OIL—30 dms, Dodge & Olcott, Yokohama
12 dms, Fallek Products, Hong Kong
CANANGA OIL—3 dms, Florasynth Labs, Rotterdam
CANDELILLA WAX—1,250 bgs, M Argueso, Tampico
2,875 bgs, G Jimenez Co, Tampico
CARAWAY OIL—1 ck, Magnus, Mabee & Reynard, Rotterdam
1 dm, Magnus, Mabee & Reynard, Rotterdam
2 dms, Lo Curto & Funk, Rotterdam
1 dm, Dodge & Olcott, Rotterdam
SEED—100 bgs, Joel Bieler, Rotterdam
75 bgs, Murwal Inc, Beirut
100 bgs, Greenwich Seed Co, Rotterdam
400 bgs, J F Frank, Rotterdam
200 bgs, Catz American Co, Rotterdam
CARBON ACTIVATED—270 dms, E I du Pont de Nemours, Liverpool
CARBONYL—47 dms, General Anilin Works, Bremen
CARDAMOM—10 bgs, W H Muller, Bangkok
CARNAUBA WAX—56 bgs, Strahl & Pitsch, Fortaleza
167 bgs, Innis Speiden, Fortaleza
56 bgs, American Union Transport, Fortaleza
56 bgs, Cornelius Products, Fortaleza
106 bgs, Cornelius Products Co, Salvador
CASEIN—1,000 bgs, New York Trust Co, Buenos Aires
1,130 bgs, Borden Co, Buenos Aires
500 bgs, Borden Co, Havre
2,522 bgs, Marks & Coyle, Hamburg
775 bgs, Hercules Powder Co, Hamburg
CASHEW NUT SHELL LIQUID—108 dms, National City Bank, Cochin
CASSIA—95 pkgs, Internatio Rotterdam, Tandjong Priok
166 pks, Internatio Rotterdam, Singapore
350 bls, Arthur G Dunn, Hong Kong
200 bls, Charles T Wilson, Hong Kong
150 bls, Archibald & Kendall, Hong Kong
100 bls, Wah Young Co, Hong Kong
100 bls, Knickerbocker Mills, Hong Kong
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200 bls, J Berlage, Hong Kong
200 bls, W M Allison, Hong Kong
200 bls, K H Landes, Hong Kong
100 bls, R J Spitz, Hong Kong
300 bls, Arnhold & Co, Hong Kong
454 bls, A G Dunn, Hong Kong
CELERYSEED — 100 bgs, Ludwig Mueller, Marseilles
38 bls, Louis Furth, Marseilles
44 bgs, A G Dunn, Marseilles
CELERYSEED OIL—1 dm, Dodge & Olcott, Rotterdam
CHEMICALS—100 bbls, Brauner & Co, Barcelona
50 cs, F H Taussig, Rotterdam
40 cs, Michel & Co, Rotterdam
48 dms, Michel & Co, Rotterdam
60 cks, F H Taussig, Hamburg
333 bbls, Mark & Coyle, Hamburg
25 dms, Innis Speiden, Hamburg
CHESTNUT EXTRACT—500 bgs, Barkey Importing Co, Genoa
24 bgs, Elbert Co, Genoa
CHINA CLAY — 1,540 bgs, English China Clay Sales, Avonmouth
600 bgs, J W Higman, Manchester
CHLORAL HYDRATE—11 kgs, Lo Curto & Funk, Glasgow
CHROME ORE—5,605,764 lbs, Lourenco Marques
2,240,235 lbs, Anglo Rand Mining & Finance Co, Lourenco Marques
CHROMIC ACID—125 cans, Hudson Shipping Co, Rotterdam
CINCHONA PRODUCTS—31 cs, Guaranty Trust Co, Rotterdam
CITRONELLA OIL—14 dms, Chevalier & O'Conner, Colombo
25 dms, Dodge & Olcott, Hong Kong
COBALT OXIDE—22 dms, Mercantile Metal & Ore Corp, Liverpool
COD OIL—56 dms, Middleton & Co, Halifax
LIVER OIL—282 dms, Arista Oil Products Co, Copenhagen
21 dms, Yokohama
50 dms, E F Drew, St Johns
50 dms, Charles L Huisking, St Johns
60 dms, Bowring & Co, St Johns
100 dms, Whitmoyer Labs, St Johns
50 dms, C L Huisking, St Johns
50 dms, Ottol Oil Co, St Johns
COPAL GUM—143 bgs, U S Industrial Chemicals, Inc, Manila
38 bgs, Gillespie-Rogers-Pyatt, Manila
127 bgs, W H Scheel, Manila
282 bskts, Internatio Rotterdam, Tandjong Priok
424 bgs, O G Innes, Matadi
1,259 bgs, Internatio Rotterdam, Matadi
72 bgs, France, Campbell & Darling, Matadi
255 bgs, S Winterbourne, Matadi
220 bgs, W Carretson, Matadi
417 bgs, U S Industrial Chemicals, Matadi
COPRA—950 tons, Zamboanga
CRESYLIC ACID—303 dms, Glasgow
100 dms, H A Gogarty, Avonmouth
300 dms, Tar Residuals, Manchester
114 dms, Union Carbide & Carbon, Manchester
149 dms, Charles Page, Manchester
317 dms, Republic Chemical Corp, Manchester
CUMIN OIL—1 dm, Dodge & Olcott, Rotterdam
DAMMAR GUM—50 cs, O G Innes, Bangkok
DESOXYCHOLIC ACID—3 cs, Sandoz Chemical Works, Rotterdam
DEXTRIN—200 bgs, Morningstar Nichol, Rotterdam
105 bgs, Universal Transport Co, Rotterdam
DIESEL OIL—51,000 bbls, Esso Export Corp, Aruba
DOGFISHLIVER OIL—27 dms, Nopco Chemical Co, Yokohama
DYESTUFFS—32 dms, Ciba Co, Hamburg
92 dms, Sandoz Chemical Works, Genoa
20 dms, Sandoz Chemical Works, Genoa
8 dms, Ciba Co, Rotterdam
EARTH COLORS—1,120 bgs, Smith Chemical & Color Co, Avonmouth
1,120 bgs, C J Osborn, Avonmouth
440 bgs, Reichard Coulston, Hamburg
77 bbls, J Lee Smith, Hamburg
EUCALYPTUS OIL—9 dms, Melbourne
FERRO CHROME—239 dms, Trio Shipping Co, Marseilles
COLUMBIUM—9 dms, J W Hampton, Jr, London
SELENIUM—1 dm, Belmont Smelting & Refining Works, Liverpool
FISHLIVER OIL—6 dms, Chase National Bank, Yokohama
FLOUNDERLIVER OIL—3 dms, Corn Exchange Bank, Yokohama
FULLERS EARTH—400 bgs, L A Salomon, Avonmouth
GALANGAL ROOT—200 bls, Meer Corp, Hong Kong
200 bls, R J Prentiss, Hong Kong
GALLNUTS—190 bgs, Mallinckrodt Chemical Works, Hong Kong
BLUE—9 bgs, S B Penick, Beirut
GELATIN—160 bgs, Transatlantic Animal By-Products, Liverpool
200 bgs, R Coff, Rotterdam
GERANIUM OIL—3 dms, Marseilles
4 cans, Fritzsche Bros, Algiers
GHATTI GUM—114 bgs, Intra Mar Shipping, Bombay
GINGER—96 bgs, Kellys American, London
OIL—5 cs, Hull
GLAND EXTRACT—1 cs, Biochemical Products Corp, Copenhagen
GLUE, BLACK MARINE—100 kgs, Martrop Trading Corp, Liverpool
BONE—200 bgs, Rotterdam
300 bgs, Alltransport, Inc, Hamburg
STOCK—83 bls, Transatlantic Animal By-Products, Havana
GLYCERIN—20 dms, George Uhe & Co, Rotterdam
230 tons, Rotterdam
GYPSUM—25 cks, A Gusmer, London
2,920 tons, Newark Plaster Co, Walton
20,631 tons, U S Gypsum Co, Hantsport
9,041 tons, National Gypsum Co, Little Narrows
224 bgs, Whittaker Clark & Daniels, Liverpool
IPECAC ROOT—8 bgs, Wessel Duval, Cartagena
IRON POWDER—120 dms, General Anilin Works, Rotterdam
120 dms, General Anilin Works, Bremen
JUNIPER BERRIES—500 bgs, Leghorn
KARAYA GUM—418 bgs, Stein, Hall, Bombay
134 bgs, Public National Bank, Bombay
307 bgs, Brown Bros-Harriman, Bombay
LAVANDIN OIL—1 dm, Centflor Mfg Co, Rotterdam
LAVENDER OIL—2 cks, G Fuchs, Cannes
LICORICE ROOT—10 bgs, Peek & Velsor, Hamburg
LIME OIL—1 dm, Dodge & Olcott, Tampico
LITHOPONE—363 bgs, Millmaster Chemical Corp, Rotterdam
LOCUST BEAN GUM—210 bgs, Limassol
300 bgs, Hamburg
MACE—7 cs, Otto Gerdau, Rotterdam
3 boxes, Becker Mayer Seed Co, Port of Spain
33 bgs, London
78 cs, Kellys American, Rotterdam
MAGNESIA CARBONATE—600 bgs, Reheis Co, Liverpool
MAIDEN HAIR FERN—25 bgs, S B Penick, Messina
MANGROVE EXTRACT—1,100 bgs, Saxe Cutch Co, Singapore
MEDICINAL LEAVES—36 bls, Inland Alkaloid Co, Rotterdam
20 bls, J W Lyon, Rotterdam
ROOTS—21 bgs, Barcelona
SEED—300 bgs, S B Penick, Rotterdam
20 bgs, S B Penick, Rotterdam
MENTHOL—100 cs, Biddle Sawyer Co, Rio de Janeiro
10 cs, Kellys American, London
METHYLCYCLOHEXANOL—2 dms, Lubrizol Corp, Liverpool
METHYLISOBUTYLCARBINOL — 2 dms, Lubrizol Corp, Liverpool
MILK SUGAR—230 dms, Interstate Chemical Corp, Rotterdam
MONTAN WAX—1 bg, Phoenix Shipping Co, Hamburg
200 bgs, Innis Speiden, Rotterdam
1,300 bgs, Rohner Gehrig, Hamburg
MUCILIN—1 cs, Globe Shipping Co, Liverpool
1 cs, American Express Co, Liverpool

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Marine Glue
Outboard Motor Lubricant
Paint Pigments
Polishing Compound
Rubber Cement
Silicone Compound
Spot Putty
Trim Cement
Weather Strip Cement

MUSTARDSEED—500 bgs, Charles Gulden, Catania
400 bgs, Amaren Trading Corp, London
NUTMEGS—25 bgs, Becker Mayer Seed Co, Port of Spain
838 bgs, Internatio Rotterdam, Tandjong Priok
OLIVE OIL—165 dms, Manufacturers Trust Co, Seville
186 dms, National City Bank, Seville
83 dms, Hellenic Bank & Trust, Seville
30 dms, Brooklyn Trust Co, Seville
60 dms, Irving Trust Co, Seville
50 dms, Sterling National Bank, Seville
200 dms, Lekas & Drivas, Seville
550 dms, Chemical Bank & Trust, Seville
100 dms, Chase National Bank, Seville
25 dms, Giacomo Lepore, Barcelona
50 dms, Antonio Corrao, Palermo
202 dms, The Norport Co, Seville
OPIUM—125 cs, Barr Shipping Co, Istanbul
ORANGE PEEL—85 bgs, S B Penick, Cap Haitien
OREGANO LEAVES—267 bgs, Vera Cruz
ORRIS ROOT—1 cs, Leghorn
ORTHOCRESOL—82 dms, C Hardy, Liverpool
OX GALL—12 cs, Judson Sheldon, London
2 dms, International Packers Commercial, Adelaide
4 dms, Wilson Lab, Copenhagen
PALM OIL—896 tons, Balfour Guthrie, Matadi
1,120,000 lbs, Pacific Vegetable Oil, Hull
539,685 lbs, Liverpool
PARSLEY OIL—1 cs, Dodge & Olcott, Rotterdam
PATCHOULI OIL—2 cs, Givaudan Delawanna, Penang
4 cs, Centaflor Manufacturing Co, Penang
4 cs, Fulton Chemical Co, Penang
4 dms, East Asiatic Co, Penang
PEPPER, BLACK—74 bgs, Murwal Inc, Beirut
38 bgs, J S Khorana, Bangkok
240 bgs, Volkart Bros, Cochin
400 bgs, Otto Gerdau, Cochin
80 bgs, J Berlage, Cochin
80 bgs, East India Trading, Cochin
120 bgs, Irving Trust Co, Cochin
320 bgs, National City Bank, Cochin
240 bgs, D Hecht, Cochin
80 bgs, Anglo American Trading, Cochin
480 bgs, M Golodetz, Cochin
80 bgs, Bankers Trust Co, Cochin
80 bgs, Neder-Handel, Cochin
528 bgs, Superintendence Co, Cochin
80 bgs, W L Willner, Cochin
560 bgs, Mincing Trading Co, Cochin
320 bgs, Virchand Panachand, Cochin
240 bgs, Joenson & Cross, Cochin
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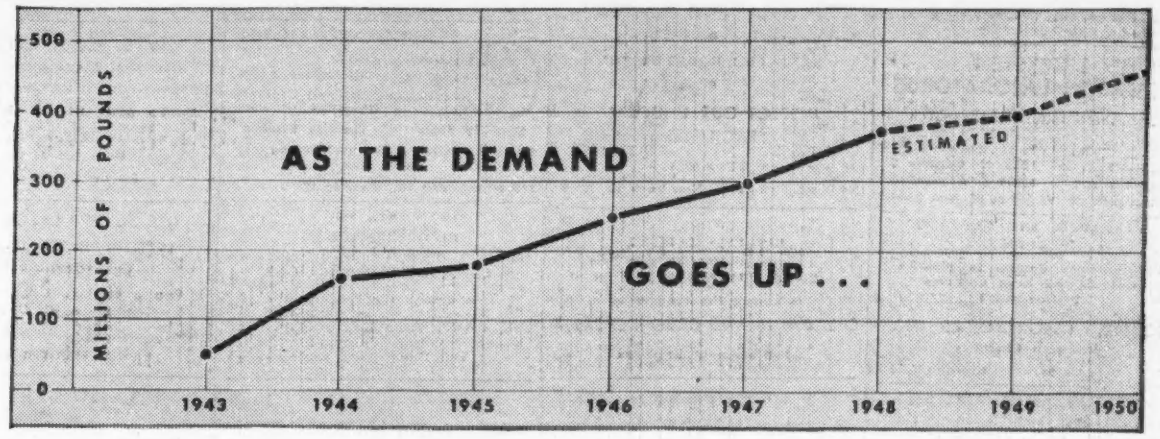
80 bgs, J Henry Schroder, Cochin
80 bgs, National City Bank, Cochin
224 bgs, Arhur G Dunn, Cochin
80 bgs, Sembodja Co, Cochin
80 bgs, Catz American Co, Cochin
160 bgs, Moller Trading Co, Cochin
160 bgs, Netherlands Trading Society, Cochin
240 bgs, Mincing Trading Co, Bombay
384 bgs, Superintendence Co, Bombay
240 bgs, A G Dunn, Bombay
138 bgs, K A Export Co, Bombay
360 bgs, Otto Gerdau, Rotterdam
169 bgs, Sembodja Co, Tandjong Priok
169 bgs, Indonesia Trading Co, Tandjong Priok
320 bgs, Inernatio Rotterdam, Tandjong Priok
504 bgs, Mincing Trading Co, Tandjong Priok
244 bgs, Catz American Co, Tandjong Priok
WHITE—59 bgs, A G Dunn, Singapore
PEPPERMINT OIL—10 cs, Industrial Raw Materials Corp, Kobe
PERCHLOROETHYLENE—80 dms, Chemical Manufacturing Co, Liverpool
PETROLEUM CRUDE—112,415 bbls, Cities Service Oil Co, Amuay
244,016 bbls, Socony Vacuum Oil, Puerto La Cruz
97,657 bbls, California Refining Co, Aruba
PHOSPHORUS PENTACHLORIDE—5 dms, Lebrizol Corp, Liverpool
POLLACK LIVER OIL—70 dms, Nopco Chemical Co, Yokohama
20 dms, Chase National Bank, Yokohama
POPPYSEED—200 bgs, I Grob, Rotterdam
100 bgs, Catz American Seed Corp, Rotterdam
200 bgs, Catz American Seed Corp, Bremen
POTASH—60 bbls, Alltransport Inc, Hamburg
CAUSTIC—154 dms, Bluefries Inc, Hamburg
CHROME—50 bbls, Hamburg
POTASSIUM CHROME ALUM—42 dms, Millmaster Chemical Corp, Rotterdam
FERRICYANIDE—15 kegs, Spring Chemicals, Inc, Rotterdam
NITRATE—200 bgs, Glasgow
PERMANGANATE—39 dms, Harry Dixons & Sons, Hamburg
QUEBRACHO EXTRACT—6,045 bgs, River Plate Import & Export Co, Buenos Aires
QUICKSILVER—100 flasks, Chase National Bank, Progresso
QUINIDINE SULPHATE—1 cs, Lo Curto & Funk, Hamburg
QUININE SULPHATE—9 cs, Charles L Huisking, Hamburg
RESIN, SCRAP—13,993 lbs, F L Kraemer, London
RHUBARB ROOT—40 cs, S B Penick, Hong Kong
70 bgs, S B Penick, Bombay
ROSEMARY EXTRACT—15 dms, Lautier Fils, Barcelona
7 dms, Antoine Chiris, Barcelona
ROSIN—50 cs, N Katsoris, Piraeus
RUTILE SAND—10 bgs, H S Dorf, Brisbane
240 bgs, Millmaster Chemical Co, Brisbane
SAFROL—18 dms, Delgo Aromatics Co, Hong Kong
SAGE—240 bgs, Colonial Commerce Co, London
SAL AMMONIAC—1,314 bgs, Harry Dixon & Sons, Rotterdam
SABADILLA SEED — 64 bgs, Wessel Duval, La Guaira
SASSAFRAS OIL—25 dms, Dodge & Olcott, Yokohama
SCHEELITE ORE—123 bgs, Bank of New South Wales, Sydney
SEEDLAC—134 bgs, P N Rowe, Bangkok
1,306 bgs, Mac Lac Co, Bangkok
234 bgs, Dominion Bank, Bangkok
505 bgs, Bangkok
299 bgs, Gillespie, Rogers Pyatt, Bangkok
100 bgs, Colony Import & Export Co, Bangkok
200 bgs, C H Timm, Bangkok
134 bgs, Haeuser Shellac Co, Bangkok
SESAME SEED—200 bgs, Louis Furth, Hong Kong
SHARKLIVER OIL—10 dms, Consumers Import Co, Yokohama
5 dms, Chase National Bank, Yokohama
50 dms, Yokohama
SHEEP GALL—3 dms, International Packers Commercial, Adelaide
SHELLAC—50 bgs, Bremen
20 bgs, F H Paul & Stein, Hamburg
10 dms, F H Paul & Stein, Hamburg
115 bgs, F H Paul & Stein, Rotterdam
13 cs, F H Paul & Stein, Rotterdam
300 bgs, Mantrose Co, Calcutta
350 bgs, Gillespie, Rogers, Pyatt, Calcutta
250 bgs, P N Rowe, Calcutta
100 bgs, Alfred Kramer, Calcutta
SILICA SCRAP—113 bgs, Lunham & Reeve, Liverpool
SODA ASH—270 bgs, J M Baird, London
7,466 bgs, Chemical Manufacturing Co, London
9,000 bgs, Libby-Owens-Ford, Rotterdam
500 bgs, Light Work Products, Rotterdam
1,500 bgs, International Commodities, Rotterdam
3,000 bgs, Owens Illinois Glass Co, London
9,003 bgs, Chemical Manufacturing Co, Liverpool
1,484 bgs, U S Lines, Havre
8,060 bgs, Republic Chemical Corp, Havre
155 bgs, International General Electric Co, Havre
210 bgs, Owens Illinois Glass Co, Havre
2,524 bgs, Thatcher Glass Mfg Co, Havre
21,428 bgs, Chemical Mfg Co, Havre
1,870 bgs, International General Electric Co, Havre
9,790 bgs, Owens Illinois Glass Co, Havre
4,618 bgs, Thatcher Glass Mfg Co, Havre
SODA ASH—7,460 bgs, Chemical Manufacturing Co, Liverpool
8,480 bgs, Charles Tennant Sons, Liverpool
4,957 bgs, Chemical Manufacturing Co, Liverpool
22,286 bgs, Chemical Manufacturing Co, Glasgow
9,000 bgs, Owen Illinois Glass Co, Bordeaux
3,000 bgs, Cincinnati Chemical Works, Dunkirk
4,536 bgs, Libby-Owens-Ford, Dunkirk
SODA CAUSTIC—1,190 dms, Chemical Manufacturing Co, Liverpool
SODIUM BICARBONATE—4,274 bgs, Chemical Manufacturing Co, Liverpool
38,380 bgs, Chemical Manufacturing Co, Liverpool
CHROMATE—394 bgs, Hudson Shipping Co, Rotterdam
CYANIDE—100 bbls, Aceto Chemical Co, Hamburg
762 dms, Terra Chemicals Inc, Rotterdam
450 dms, Terra Chemicals, Rotterdam
NITRATE—10,159 tons, Guaranty Trust Co, Tocopilla
NITRITE—25 dms, Ferratar Corp, Liverpool
44 dms, Chemical Manufacturing Co, Liverpool
222 dms, Chemical Manufacturing Co, Liverpool
SOLELIVER OIL—3 dms, Consumers Import Co, Yokohama
SOY—100 dms, Van Norden Archibald, Hong Kong
100 dms, E Miltenberg, Hong Kong
105 dms, E Miltenberg, Hong Kong
SPERM OIL—5,030 tons, Werner G Smith, Rotterdam
1,022 tons, Swift & Co, Rotterdam
1,016 tons, Rotterdam
SQUILLS—60 bgs, Palermo
STARCH, SOLUBLE—100 bgs, Stein Hall, Rotterdam
ST JOHNS BREAD—100 cs, Ambriola & Co, Naples
SULPHUR—21 cks, Lo Curto & Funk, Liverpool
TALC—200 bgs, Whittaker Clark & Daniels, Marseille
750 bgs, Whittaker Clark & Daniels, Marseille
625 bgs, L A Salomon, Marseille
25 cs, Allbrite Trading Co, Marseille
500 bgs, C B Chrystal, Marseille
TANKAGE—1,096 bgs, H J Baker, Buenos Aires
TANNIC ACID—60 dms, American Dyewood Co, Glasgow
TANTALITE ORE—319 bgs, Philipp Bros, Matadi
TAPIOCA FLOUR—400 bgs, Corn Products Refining Co, Puerto Plata
50 bgs, Internatio, Rotterdam, Tandjong Priok
TEA WASTE—1,239 bgs, Maywood Chemical Works, Chittagong
454 bgs, Citro Chemical Co, Chittagong
TITANIUM ALUMINUM—180 dms, Liverpool
TONKA BEANS—9 cks, O J Weeks, Port of Spain
TUNG OIL—560,000 lbs, Pu Ching Tao, Hong Kong
1,120,000 lbs, Pacific Vegetable Oil, Hong Kong
ULTRAMARINE BLUE—18 bbls, Interocean Chemical & Minerals, Rotterdam
UREA—2,000 bgs, Monsanto Chemical Co, Rotterdam
1,000 bgs, Chemical Manufacturing Co, Liverpool
VALONIA CUPS—373 bgs, Barkey Importing Co, Izmir
VANILLA BEANS—11 cs, The Camax Co, Marseilles
22 cs, Thurston & Braidich, Marseilles
40 cs, Dodge & Olcott, Marseilles
10 cs, Zink & Trieste, Singapore
17 cs, Lo Curto & Funk, Singapore
31 cs, Zink & Triest Co, Tandjong Priok
VEGETABLE WAX—80 cs, Fleischman Burd, Kobe
WAX, REFINED—34 bgs, Moore & Munger, Palembang
WHALELIVER OIL—27 dms, Nopco Chemical Co, Yokohama
2 cs, Nopco Chemical Co, Yokohama
WOLFRAM ORE—500 bgs, Overseas Metal & Ore Co, Bangkok
400 bgs, F H Lenway, Bangkok
WOOL GREASE—100 dms, N I Malmstrom, Liverpool
19 bbls, N I Malmstrom, Bremen
117 dms, N I Malmstrom, Bremen
270 dms, F G Fanning, Bremen
200 dms, Hummel Chemical Co, Bremen
14 dms, Kolmar Labs, Sydney
WAX—17 bbls, Nehls & O'Connell, Hamburg
ALCOHOL—26 dms, Globe Shipping Co, Liverpool
YLANG YLANG OIL—4 cs, G Fuchs, Cannes
2 dms, Marseilles
ZINC OXIDE—4,410 bgs, Omni Products Corp, Bilbao
2 dms, Lubrizol Corp, Liverpool
ZIRCON SAND—2,680 bgs, Millmaster Chemical Co, Brisbane

Baltimore

ALCOHOL, SULFONATE—40 dms, American Alcolac Corp, Havre
40 cks, American Alcolac Corp, Havre
40 cks, American Alcolac Corp, Havre
CHESTNUT EXTRACT—1,000 bgs, American Dyewood Co, Bordeaux
500 bgs, Barkey Importing Co, Genoa
GLUESTOCK—220 bgs, Transatlantic Animal By-Products, Liverpool
MANGANESE ORE—5,500 tons, Philipp Bros, Bombay
OLIVE OIL—500 dms, 1st National Bank Baltimore, Seville
PALM OIL—448,000 lbs, Lever Bros, Hull
POTASSIUM CARBONATE—279 bbls, Innis Speiden, Hamburg



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286 bgs, American Cyanamid Co, Hull
TALC—1,478 bgs, Whittaker, Clark & Daniels, Marseilles

Boston

BONE—4,539 bgs, International Packers Commercial, Buenos Aires
1,253 bgs, International Packers Commercial, Rosario
CASEIN—1,000 bgs, Borden Co, Buenos Aires
368 bgs, Oxford Paper Co, Rotterdam
GELATIN—270 bgs, Nicholson & Co, Liverpool
GLUESTOCK—138 bls, Atlantic Gelatin, Liverpool
IRISHMOSS—177 bls, Emerco Trading Corp, Havre
19 bls, Algin Corp, Dublin
MICA—125 cs, Eugene Munsell, London
86 cs, Vilco Inc, London
106 cs, Otto Gerdau, Calcutta
300 cs, James F Garneau, Calcutta
525 cs, Eugene Munsell, Calcutta
15 cs, F D Pitts, Calcutta
SCRAP—1,405 bgs, F D Pitts, Madras
MONTAN WAX—200 bgs, Innis Speiden, Rotterdam
OLIVE OIL—25 dms, Manufacturers Trust Co, Seville
515 dms, Chemical Bank & Trust Co, Seville
QUEBRACHO EXTRACT—3,839 bgs, River Plate Import & Export, Buenos Aires
SHELLAC—10 dms, F H Paul & Stein, Hamburg
UREA—1,500 bgs, Chemical Manufacturing Co, Liverpool

Carteret

TUNG OIL—400,000 lbs, Werner G Smith, Hong Kong

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PEPPER, BLACK—32 bgs, Mincing Trading Co, Cochin
80 bgs, Joensson & Cross, Cochin

Mobile

PEATMOSS—400 bls, Page & Jones, Bremen
SODIUM PRUSSIATE—2,000 bgs, N D Cunningham, Rotterdam

New Orleans

PEATMOSS—1,000 bls, Premier Peatmoss, Copenhagen
SEEDLAC—540 bgs, Mac Lac Co, Bangkok
409 bgs, East Asiatic Co, Bangkok

Norfolk

BONEMEAL—2,205 bgs, Ashcraft Wilkinson, Havre
COTTON LINTERS—834 bls, Hercules Powder Co, Santos
1,253 bls, Hercules Powder Co, Santos
MANGANESE ORE—500 tons, Philipp Bros, Bombay
MICA—3 cs, Asheville Schoonmaker Mica Co, Calcutta
42 cs, Asheville Mica Co, Rio de Janeiro
QUEBRACHO EXTRACT—740 bgs, River Plate Import & Export, Buenos Aires
SODIUM BICARBONATE — 1,994 bgs, Chemical Manufacturing Co, Liverpool
UREA—1,800 bgs, Chemical Manufacturing Co, Liverpool

Tampa

FERTILIZER—1,000 bgs, Ashcraft Wilkinson, Rotterdam
1,000 bgs, H J Baker & Bros, Rotterdam

Philadelphia

ALOES—1 cs, S B Penick, Port Elizabeth
AMMONIUM CHLORIDE—[illegible] bgs, Chemical Manufacturing Co, Liverpool
ANISE SEED—50 kgs, Lep Transport Co, Rotterdam
ANTIMONY ORE—580 bgs, Charles Tennant Sons, Arica
ASBESTOS—306 bgs, Philipp Carey Co, Durban
998 bgs, Durban
BABASSU OIL—201 tons, Manhattan Soap Co, Sao Luis Do Maranaho
BERYL ORE—250 bgs, Beryllium Corp, Durban
BONE, CRUSHED—1,040 bgs, Ovimpax, Inc, Buenos Aires
MEAL—6,159 bgs, Elbert & Co, Rosario
7,244 bgs, Baugh & Sons, Rosario
BRASS SCRAP—619 pcs, Capco Alloy Steel Co, Manila
94 dms, Capco Alloy Steel Co, Manila
131,948 kilos, Transatlantic Metal & Ores, Bremen
BUCHU LEAVES—67 bls, National City Bank, Capetown
CARAWAYSEED—150 bls, R J Spitz, Rotterdam
50 bgs, C M Van Sillevolt, Rotterdam
CELESTITE—643 tons, E I du Pont de Nemours, Avonmouth
150 tons, Roote Mineral Co, Avonmouth
CHROME ORE—4,480 tons, E J Lavino, Lourenco Marques
CHROMITE—6,355 tons, E J Lavino, Masinloc
CRESYLIC ACID—100 dms, Concord Chemical Co, Manchester
150 dms, Concord Chemical Co, Liverpool
EARTH COLOR—1,908 bls, C K Williams, Larnaca
FENNEL SEED—187 bgs, Lep Transport Co, Rotterdam
FISHMEAL—2,189 bgs, Woodward & Dickerson, Rijeka
FLUORSPAR—5,593,015 kilos, Continental Ore Corp, Bremen
1,000 bgs, Continental Ore Corp, Bremen
FUEL OIL—103,000 bbls, Esso Export Corp, Aruba
GYPSUM, CRUDE—12,433 tons, U S Gypsum Co, Hantsport
HARDENING COMPOUND—1 cs, E H Houghton Co, Liverpool
IRON OXIDE—441 bgs, Mineral Pigments Corp, Malaga
LEAD—50,482 bars, Continental Lead Corp, Hamburg
VIRGIN—37,074 ingots, Philipp Bros, Rijeka
LITHIUM ORE—5,828 tons, Foote Mineral Co, Walrus Bay
LIVERMEAL—439 bgs, Buenos Aires
MANGANESE ORE—5,000 tons, E J Lavino & Co, Lagos
560 tons, Leonard Buck Co, Durban
8,512 tons, Bank of Manhattan, Lagos
7,705 tons, Chase National Bank, Durban
9,850 tons, E J Lavino & Sons, Vizagapatam
MARBLE CHIPS—650 bgs, Venice
MOLASSES—708,162 gls, Publicker Industries, Caibarien
403,303 gls, Publicker Industries, Pastelillos
811,741 gls, Publicker Industries, Caibarien
MUSTARD—958 cans, Carson M Simon, London
OLIVE OIL—600 dms, Chemical Bank & Trust Co, Caen
PEATMOSS—250 bls, Marine Midland Bank, Hamburg
150 bls, Premier Peatmoss Corp, Hamburg
425 bls, Keer Maurer Co, Bremen
300 bls, Premier Peatmoss Co, Copenhagen
500 bls, Premier Peatmoss Co, Bremen
750 bls, Keer Maurer Co, Bremen
TANKAGE—685 bgs, National City Bank, Buenos Aires
TANNING EXTRACT—1,120 bgs, American Cyanamid Co, Liverpool
1,120 bgs, American Cyanamid Co, Hamburg
TAPIOCA FLOUR—417 bgs, F H Paul & Stein, Parnaiba
20 bgs, City Bank of N Y, Itajai

VARNISH—1 cs, Allen Forwarding Co, London
VETERINARY MEDICINE—10 cs, Irish Export & Import Co, Dublin
WATTLE BARK—2,191 bls, Hammond & Carpenter, Durban
1,050 bls, John Holt, Inc, Mossel Bay
405 bls, River Plate Import & Export, Durban

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BOTANICAL DRUGS—15 bgs, Natures Herb Co, Rotterdam
BRASS SCRAP—62 cs, American Trust Co, Manila
CALCIUM NITRATE—11,000 bgs, Wilson & George Meyer, Heroya
CARAWAYSEED—200 bgs, D Hecht & Co, Rotterdam
GAS OIL—5 dms, Shell Development Corp, Rotterdam
CASEIN—280 bgs, New York Trust Co, Buenos Aires
CASSIA—100 bls, S L Jones & Co, Hong Kong
CINNAMON QUILLS—150 bls, Chase National Bank, Colombo
CODLIVER OIL—50 bbls, H M Newhall & Co, Stavanger
5 cms, Feder Devold Oil Co, Stavanger
COPAL GUM—53 bskts, Henry W Peabody & Co, Djakarta
COPRA—250 tons, Cargill, Inc, Cebu
500 tons, Western Vegetable Oil, Cebu
112 tons, El Dorado Oil Works, Pangi
700 tons, Pacific Vegetable Oil, Ozamis
350 tons, El Dorado Oil Works, Zamboanga
177 tons, Atkins, Kroll & Co, Zamboanga
500 tons, El Dorado Oil Works, Isabella
750 tons, El Dorado Oil Works, Mercedes
CREOSOTE OIL—898 tons, Bernuth Lumbeke & Co, Vlaardingen
EPSOM SALTS—20 ctns, Theo H Davies Co, Liverpool
LACQUER THINNER—4 cs, Swanson Lindstrand, Inc, Stockholm
MACE—13 cs, Catz American Co, Djakarta
MARJORAM—100 bgs, Hismoco American Co, Rotterdam
MINERAL CONCENTRATES—551 dms, American Smelting & Refining Co, Manila
MUSTARD—200 ctns, Atlantic Sales Corp, London
37 cs, Juillard Food, Rotterdam
OLIVE OIL—200 dms, Malaga
100 dms, R Vannucci Co, Malaga
200 dms, Monteverde & Parodi, Inc, Malaga
50 dms, Lady's Choice Foods, Malaga
200 dms, D F de Bernardi & Co, Malaga
250 dms, Veronica Olive Oil Co, Malaga
400 dms, Parodi Erminio & Co, Malaga
52 dms, G Granucci & Sons, Malaga
PEANUT MEAL—2,501 bgs, International Packers Commercial, Santos
PEPPER, BLACK—158 bgs, B C Ireland, Inc, Djakarta
160 bgs, B C Ireland, Inc, Bombay
80 bgs, Singapore
RED SAGO—2 bgs, Soandia Commercial Co, Gothenburg
SAGO FLOUR—273 bgs, Starch Products, Singapore
TAPIOCA, PEARL—100 bgs, H M Newhall & Co, Djakarta
TIN—560 slabs, C S Trench & Co, Penang
TUNG OIL—121 tons, Vongehr Low China Corp, Hong Kong
100 tons, Pacific Vegetable Oil Corp, Hong Kong
433 tons, S L Jones & Co, Hong Kong
200 tons, Werner G Smith, Inc, Hong Kong
1,542 dms, Pacific Vegetable Oil, Hong Kong
QUEBRACHO EXTRACT—500 bgs, International Products, Buenos Aires
UREA—1,000 bgs, Chemical Manufacturing Co, Liverpool
100 bgs, United Sterling Corp, Rotterdam
WHITING—3,200 bgs, W P Fuller & Co, Antwerp
2,000 bgs, N H Weitzner, Antwerp
12,000 bgs, Balfour Guthrie, Liverpool
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Price activity in medicinal botanical drugs subsided last week but the market was underlaid with real strength based on limited supplies, high first costs, and sustained demand from consumers. In condimental botanicals, the price trend was down and of twenty-three changes made, eighteen were declines. The market index held unchanged at 205.4.

Declining prices on black pepper again led the movement in prices for flavoring botanicals. A substantial part of the decline was the result of a sharp cut in the export tax laid by the Government of India. Only a little more than a month ago, the spot price stood ninety-five cents above prices prevailing most of last week. Star anise, Batavia longstick cassia, Ceylon cinnamon, Siauw and West Indian mace, and East Indian nutmegs were items of strength and all sold at advances. On the decline side of price events, limited changes were made in Indian celery seed, clove, Argentine and Morocco coriander seed, dewhiskered dill seed, Chilean and Peruvian marjoram, English yellow mustard, Argentine poppy seed, and Spanish thyme.

Ergot continued strong on spot and firm abroad. Considerable decline in replacement cost must occur if spot prices are to be set in buyers' favor. Papain was another item of real strength at all points. Belladonna and gentian showed no sloughing of their recent strength in all markets. Lobelia and catnip continued hard to obtain and only at a high cost to the dealer. Serpentaria was virtually a museum piece at record high prices everywhere. Senega was in no way eased but the advance stopped. Blood root assumed more stability. Replacement stocks of black haw, wahoo, sassafras, wild cherry, and white pine were less than normal. Chamomile continued to be hard to get anywhere.

Balsams

Copaiba—Though unchanged in price, the market was especially firm and the tendency in most quarters was to seek a higher price level in order to compensate for the currently high replacement cost.

Fir—Canadian balsam was quoted as low as $26.50 per gallon on spot but reports suggested that the article would have to be clarified before it could be used in microscopic work. Clear balsam ready for use costs $31.50 per gallon, minimum.

Peru—Replacement cables showed no price weakening at the origin. Consequently, local quotations were items of considerable strength, especially in view of continued excellence of interest on the part of buyers for consumption.

Tolu—Sales confirmed the spot market at $3.50 to $3.60 per pound although some dealers asked $3.60 as minimum. Replacement prices displayed much firmness at the origin and offerings were conservative in size.

Barks

Black Haw — Firmness and much strength was displayed in prices prevailing both on spot and in the primary market. No surplus of supply seems likely at the origin this year.

Cramp—Very little NF quality merchandise was collected this year and then only at a substantially higher cost to the primary market collectors. Limited spot stocks were firm at $1.05 to $1.10 per pound.

Sassafras — Stocks now in hand will have to meet the consuming requirements to arise next Spring and the latest reports suggest that bark of select quality will not be overly plentiful when the call for substantial prompt deliveries starts.

White Pine—Collection has been less than had been expected earlier in the collection year and the current tendency of prices at all points was reported to be upward last week.

Wild Cherry—With demand showing a favorable prospect at this time, consumers wont find an over stock at any point and the current price position was said to be slowly gaining strength.

Beans

Vanilla—Locally, very little demand existed but sellers maintained price views. In fact, they were not disposed to make offerings at current quotations, confining operations to dealing separately with each inquiry or order. At the origin, strength was clearly disclosed. Shippers reported stocks to be smaller than they had believed and that good to top quality beans were not readily obtainable. It was felt here that once demand is revived on this market, higher quotations will come into being as the market seeks a level warranted by the current price views at the sources of supply.

Berries

Juniper—Stocks on spot have some difficulty in increasing because of detentions of arriving merchandise by order of the Food and Drug Administration. The most recent detention was 226 bags. The recent strengthening of prices gave signs of being continued.

Saw Palmetto—Stocks at the origin have decreased in keeping with the reduction in collection areas. This has served to strengthen prices everywhere and they were especially so developed on spot, a market at 26c. to 35c. per pound being the result.

Flowers

Arnica — Replacement prices have strengthened considerably, adding something to the already firm spot position and tending to make competition less a part of current transactions.

Chamomile—Stocks continued to be scarce and replenishment in volume was rather doubtful last week. European prices were exceptionally firm and offerings of top quality merchandise were not large. Another crop should soon begin to grow in the Argentine.

Clover—Domestic collection was a disappointment and so far as local dealers could see last week, a year of relatively high prices is in store for consumers.

Saffron—The late advance in prices for Spanish flowers was well cemented by a better than fair jobbing business done last week in spot stocks. The market was $18 to $20 per pound, depending on quantity.

Gums

Arabic—Steady to firm and reasonably active on the whole, the market undertones showed the result of resistance to

Market Trends

Prices Advanced

Drugs

Ginger, Jamaica, No. 1, 1½c. per lb.
No. 2, 3c. per lb.

Other Articles

Anise, star, 1c. per lb.
Cassia, Batavia, longstick, 1c. per lb.
Cinnamon, Ceylon, No. 2, 2c. per lb.
Mace, Siauw, No. 1, 5c. per lb.
West Indian, 3c. per lb.
Nutmegs, East Indian, 2c. per lb.
Pimento, 1c. per lb.

Prices Reduced

Drugs

Fenugreek seed, Moroccan, ½c. per lb.
Ginger root, African, 1c. per lb.

Other Articles

Celery seed, India, 1c. per lb.
Clove, Madagascar, ½c. per lb.
Zanzibar, ½c. per lb.
Coriander seed, Argentine, 1c. per lb.
Morocco, 3c. per lb.
Dill seed, dewhiskered, 1c. per lb.
Marjoram, Chilean, shipment, 1c. per lb.
Peruvian, 4c. per lb.
Mustard seed, English, yellow, ½c. per lb.
Nutmegs, West Indian, spot, 1c. per lb.
Pepper, black, spot, 45c. per lb.
September shipment, 11c. per lb.
October arrival, 16c. per lb.
red, Hontaka, 5c. per lb.
Nigerian capsicum, 2c. per lb.
Poppy seed, Argentine, ½c. per lb.
Thyme, Spanish, ½c. per lb.

Comparative Price Indexes

(100—August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Sept. 16, 1949
205.4	205.4	189.3	193.6	183.5

(*For Current Prices see Page* 9)

Imports Detained by FDA

Week Ended September 8

New York

Caraway seed, 75 bags: filthy.
Cardamom seed, 35 bags: filthy.
Cassia, 200 bales: filthy.
Celery seed, 100 bags: filthy.
Cod oil, 50 drums: decomposed.
Juniper berries, 226 bags: filthy.
Laurel leaves, 133 bales: filthy.
Mannite, 1 case: improperly labeled.
Mace, 12 cases: filthy.
Nutmegs, 974 bags: filthy.
Orris root, 72 bags: filthy.
Pepper, black, 545 bags: moldy and insect bored.
Pumpkin seed, 272 bags: filthy.
Rhubarb root, 12 cases: filthy.
Sage leaves, 51 bags: filthy.
Stramonium leaves, 4 bales: filthy.

For Late Market Developments, See Page 4

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price shading in local circles. Stocks were declared to be ample for all needs.

Benzoin—Siam gum was in low supply. Not too much Sumatra gum was in store and sellers were disposed toward a more reserved position in the matter of making unsolicited offerings.

Camphor—The situation in turpentine tended to bring a stronger market position with respect to domestic synthetic material. Turpentine has advanced substantially over the past two months or so, thus tending to raise the cost to produce synthetic camphor. Demand has developed along seasonal lines.

Herbs and Leaves

Belladonna — Though not higher in price, values continued to become firmer to stronger in keeping with what has to be paid for further supplies in the European markets. At the moment, domestic consumption of the leaves is conservative, it was said last week. Quotations were 50c. to 55c. per pound.

Buchu—Since the July reduction in price, quotations have been well stabilized and sellers said last week that the movement into consumption was at a rate calculated to hold current quotations steady unless a change take place in the distant position of replacements.

Catnip—Sellers tended to raise prices here because of what it costs to obtain limited quantities from the disappointingly small collection which wet weather caused at the origin.

Lobelia—Sellers were reserved. It now appears that none too much stock will be in primary market warehouses against the probably normal consuming requirements of manufacturing consumers.

Marjoram — Prices eased slightly. Chilean for shipment was down to 34c. to 35c. per pound and the same quotations applied to leaves from Peru.

Thyme—French herb held steady at 16c. to 16½c. per pound in keeping with the stability of replacement costs as shown in late cables from France. Spanish herb was a fraction lower at 8½c. to 9c. per pound.

Miscellaneous

Cantharides—Dealers felt that replacements from China would become increasingly difficult to obtain. However, limited demand here plus the presence of substantial quantities recently reported in distressed position tended to prevent spot prices from reflecting the potentials inferred from the China situation.

Ergot—The spot market held at $5.10 to $5.25 per pound in the midst of very small stocks and even smaller offerings on the part of dealers. Replacement prices in Europe remained high.

Papain—Spot prices at $4 to $4.50 per pound reflected in part the strength developed at primary market points and related in cables most recently received. It would not be easy to obtain replacement goods to sell at prices now current on spot, it was said.

Roots

Aletris—Nothing at the origin suggested that current spot prices soon would be succeeded by levels more favorable to consumer operations. Every aspect of the market emphasized the strength prevailing irrespective of the not large call right now.

Blood—The market has become fairly stable at 50c. to 58c. per pound, price depending on seller and quantity in request.

Galangal—Uncertainty with respect to continued export from China ports continued to gain and the spot position of most suppliers was one of increasing reserve in the matter of offerings.

Gentian—Replacement cables show no weakening of foreign ideas with respect to shipment quotations. The recent advance in spot prices has been backed by a very fair volume of request.

Hellebore—Spot was quoted at 80c. per pound, which some said was a price in rather violent contrast with what the primary market has been asking. However, the price alleged to have been asked was in two instances found to be that which collectors in the primary market were paying for new crop collections of green hellebore.

Seeds

Anise—Chinese star anise was a trifle higher at 26c. to 26½c. per pound as the result of the danger that exports from China may stop anytime and suddenly. Other varieties of anise seed remained quotably unchanged.

Cardamom—Supplies of most varieties were comparatively tight; in the case of decorticated seed from Ceylon and Guatemala, the spot market was virtually nominal. Indian decorticated seed to arrive later stood around $4 per pound—a record high price.

Celery—Indian seed actually on spot was a trifle lower at 28c. to 28½c. per pound. French seed afloat was still 38c.

Coriander—Inactivity has eased prices slightly. Argentine seed became 19c. to 20c. per pound and Moroccan was down sharply to 25c. to 26c.

Fenugreek—Moroccan seed fell ½c. per pound, ending last week at 6c. to 6½c. Syrian was still available at 7c. to 7½c.

Mustard—Demand has revived along rather broad lines and the call came in for not only whole seed but ground seed in carlot quantities. The Montana prospect with respect to the quality and size of the new crop was still excellent. English yellow sold at 14½c. to 15c. per pound.

Spices

Cassia—Batavia longstick on spot was up to 30c. to 31c. per pound as compared with offerings at 19c. for goods afloat to the spot. Shortstick for shipment was 17c. but spots were 20c. to 20½c. China and Saigon spice remained unchanged.

Cinnamon—No. 2 Ceylon spice was higher at 37c. to 38c. per pound.

Clove—Spot offerings of both Madagascar and Zanzibar clove were a fraction lower at 25½c. to 26c. per pound.

Ginger—African root was reduced to 42c. to 43c. per pound. Spot stocks of No. 2 Jamaica root were virtually exhausted and 64c. to 65c. per pound was asked when root was available.

Mace—Prices continued to climb. Siauw No. 1 became $1.55 to $1.60 per pound and West Indian was $1.45 to $1.50.

Nutmegs—New highs for the current price rise were scored. East Indian 110's became 70c. to 71c. per pound and West Indians were 47c. to 50c. as to seller. Replacement was strong.

Pepper—The sharp decline in replacement cost in India was in part due to the fact that the government there recently reduced its export tax by 17c. to 18c. per pound. Last week black pepper actually spot was down to $2 per pound; September deliveries, $1.80; October deliveries, $1.77; September shipment, $1.76. Some readjustment of prices on spot had been underway prior to the cut in the export tax but the lower tax established in India hastened local price developments considerably. It was not certain that readjustment had run its full course. August shipments from India totaled about 2,500 tons and some 500 tons have been despatched from Indonesia.

Quotations last Friday were as follows: —Black, spot, $1.90 to $1.95 per pound, September shipment, $1.74 to $1.76; October arrival $1.74 to $1.76.

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Essential Oils, Other Aromatics

Trading in essential oils and aromatic chemicals continued quite active last week, although much of the abnormally high buying of the past two months has subsided. The market gained further price strength with increases in the spot quotations of seven domestic and eight imported oils. Big advances were made in the prices of cardamom, coriander and lavender flower oils. Citronella oil of all origins showed new firmness as did mace, lemongrass and nutmeg oils. Peppermint, spearmint, wormseed, cedarwood and Florida orange oils were also somewnat more expensive. There were no price declines reported. The various increases brought the price index for the week to 185.6, which was 4.4 points above that of the previous week.

The strongest feature of this market during the past week was to be found in the spice oils. Those which originate in the East Indies and in southeast Asia were growing rather scarce and replacement costs were generally higher. This was especially noticeable in the case of mace oil, a usually quiet item, which jumped suddenly higher. Nutmeg oil was also seen to be gaining new strength. European oils were firmer and extremely scarce on the spot market. Cardamom and caraway oils both have become limited in supply and were assuming strong price tones. Coriander and Dalmatian sage oils, as products of Soviet dominated territory were causing some worry among dealers and users, there being much doubt concerning the possibility of obtaining replacements. The former oil jumped sharply higher last week and the latter was practically nonexistent. Birchtar oil, another item of Russian origin, was offered in a very limited way at advanced prices.

Domestic oils, for the most part, were growing more expensive, based, according to observers, on increased cost of production and on crop conditions. Thus, such generally quiet items as apricot kernel and cedarwood oils brought slightly higher prices. Peppermint and spearmint oils, which had been gaining strength for the past few weeks, were further advanced. Wormseed oil also became quite a bit firmer, with some dealers completely out of carryover stocks and now awaiting new crop replacements. Dillweed oil was the one easy spot in the market, being in fairly good supply.

Citrous oils remained scarce and high. The domestic varieties were all extremely tight and those from Italy were offered in limited amounts and at constantly rising costs. Other strong points in the market were the lavender flower oils of all grades, which were sharply higher, and citronella oil, which continued to climb in price.

Market Trends

Prices Advanced

Apricot kernel oil, 1½c. per lb.
Bergamot oil, natural, 50c. per lb.
Birchtar oil, crude, 40c. per lb.
rectified, 25c. per lb.
Cardamom oil, $5 per lb.
Cedarwood oil, 5c. per lb.
Citronella oil, Ceylon, 10c. per lb.
Java, 20c. per lb.
Java-type, 15c. per lb.
Coriander oil, $2.50 per lb.
Lavender flower oil, 30-32%, 25c. per lb.
38-40%, 90c. per lb.
40-42%, $1.25 per lb.
Lemongrass oil, 10c. per lb.
Mace oil, 20c. per lb.
Nutmeg oil, East Indian, 10c. per lb.
West Indian, 15c. per lb.
Orange oil, Florida, 10c. per lb.
Peppermint oil, natural, 25c. per lb.
redistilled, 25c. per lb.
Spearmint oil, 5c. per lb.
Wormseed oil, 25c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100—August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Sept. 16, 1949
185.6	181.2	151.6	102.8	107.7

(For Current Prices see Page 9)

Essential Oils

Anise—Prices remained unchanged, ranging from $1.35 to $1.65 per pound, but were, to a large extent, nominal. Offers from the source remained sparse and it was expected that there might be difficulty in unloading any stocks which did eventually reach this country.

Apricot Kernel—After a long period of unchanged prices, last week brought a small increase which placed the market at 44c. to 60c. per pound. Dealers attributed the rise to the smaller output by West Coast producers. With the production period now at an end, the higher prices were expected to prevail until next June, when new material becomes available. There was good inquiry for the oil from manufacturers of carbonated beverages.

Bergamot—The one low offer made the previous week was withdrawn, putting the minimum quotation again at $5.75 and ranging to a new high of $7.25 per pound. It became increasingly difficult to obtain replacements and dealers were finding spot material dwindling rapidly.

Birchtar—The prices of $1.50 per pound for crude oil and $4.60 per pound for rectified material showed renewed strength for this market. Very small quantities of both grades were to be had on the spot market.

Caraway—This oil has been showing signs of tightening. The minimum offer remained unchanged at $3.70 per pound, but the range widened last week to a new top price of $4.25 per pound. Shipments were reported to be somewhat limited.

Cardamom—After vacillating for some time, prices last week soared to a new high, ranging from $60 to $68 per pound. These quotations were higher than they have been for a number of years. With the cost of seeds continuing to move upward, there was no expectation of the market easing in the near future.

Cedarwood—An increase in the price of this usually stable item occurred last week and was attributed to higher costs of production. In drum quantities, the oil was priced from 35c. to 45c. per pound and in cans it ranged from 40c. to 60c. per pound.

Citronella—The minimum offer of Ceylon oil advanced 10c. per pound to $1.40, while estate quality material continued to be available at $1.70 to $1.85 per pound. Both true Java and Java-type oil also brought higher prices, the former being sold at $2 to $2.65 per pound and the latter at $1.90 to $2.25. This last type included the Formosan material, which is generally less desirable, but has, nevertheless, been able to command higher prices as a result of the generally active demand and short supply of all types.

Coriander—A sudden price jump occurred throughout the market last week and quotations ranged from one offer at $23.50 up to $30 per pound. The majority of dealers placed their material at $25. Spot stocks were extremely scarce and the impossibility of receiving shipments from Russia have placed this material in a precarious position. This condition was expected to prevail far into the future.

Dillweed—All reports seemed to indicate that the new crop was quite successful and that the yield would be at least as great as last year's. Prices continued unchanged, ranging from $4.75 to $5.50 per pound, and dealers reported heavy buying.

Eucalyptus—Although prices remained unchanged, the material was found to be in a rather tight position, this being particularly true of the Australian oil, which has moved higher for replacement. With the approach of winter, the demand for this item by producers of nose drops and other drugs has become very active.

Geranium—While quotations continued to hold at the exorbitantly high levels of $25 to $32 per pound for Algerian oil and $29.50 to $35 per pound for the Bourbon variety, the offers were largely nominal. Dealers have reported a decided decline of interest in these oils on the part of soap manufacturers, who have found the material too expensive for popular priced soaps.

Lavender—Shippers have now begun to quote on new crop material and dealers reported all new offers priced above former offers. This has been reflected in the spot market which saw all grades increase sharply. The 30-32 percent ester flower oil was advanced to $2.75 to $4 per pound, 38-40 percent grade was priced at $4.75 to $5.75 per pound and 40-42 percent grade at $5.50 to $6.25 per pound. Spike oil was slightly firmer, but continued to range from a low of $1.35 to $1.60 per pound.

Lemon—California oil maintained the prices arrived at the previous week, ranging from $3.85 to $4.25 per pound, as to producer. Messina oil was likewise unchanged. All stocks were reported to be extremely limited with little hope for improvement in the near future.

Lemongrass—This oil was in an extremely difficult position. Prices were advanced 10c. per pound to a range of $2.50 to $3.25 per pound. Shipments were

For Late Market Developments, See Page 4

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apparently being held back at the origin, and spot material was in very short supply.

Mace—With the advance in the cost of the spice, this oil jumped at least 20c. per pound last week. Quotations varied widely, ranging from one offer of $3.50 to a new high of $5.50 per pound.

Mustard—Synthetic oil was advanced 5c. per pound and was offered by producers at $1.45 to $1.70 per pound in cans.

Nutmeg—The short period of easier prices has come to an end and both East and West Indian material showed signs of renewed strength. The East Indian variety was priced at $3.50 to $4.25 per pound, while the West Indian oil could be had at $3.45 to $3.60 per pound.

Orange—With Florida producers reluctant to quote on new crop material, oil from that source once again moved higher, being priced at 95c. to $1.50 per pound last week. California material was apparently in a better supply position and remained unchanged, quotations ranging from $1 to $1.75 per pound, according to brand. Oil of all other origins maintained the firm positions assumed in previous weeks.

Peppermint—The spot market continued to exhibit a strong tone, with prices moving up a bit, natural oil selling from $6.25 to $6.60 per pound and redistilled oil from $6.75 to $7. Dealers reported a scarcity of spot material. However, information from the primary sources indicated that new crop material was in the process of being distilled and that there might be some slight softening of the present spot price when it comes to market.

Sage — Dalmatian oil was practically nonexistent on spot. What small quantities there were available were priced between $8 and $9.75 per pound. According to dealers, very small amounts were offered from the origin and at prices which would put the spot market price at least $2 higher. Although a new crop was said to be due in about three months, there were doubts expressed concerning the possibility of shipping to this market, as Yugoslavia is still treated as a Russian satellite country. Spanish oil remained fairly easy, with prices continuing at the scale arrived at the previous week.

Sandalwood—There were varying reports on the state of this oil. However, all indicated some slowing up in the shipping of logs from the Indian source. Spot prices ranged from $12 per pound to a new maximum quotation of $14.50.

Sassafras—Distillation of the new crop oil was nearly ended and spot material began to move a bit higher. Natural oil was priced from the low offer of $2 set the previous week, to a new high of $2.50 per pound.

Snakeroot—According to the trade, there was no wood available for distillation at this time, all of the yield having been bought up heavily for large pharmaceutical users. It will now be necessary to await next summer's crop for any noticeable change in the situation. The quotations ranged from $19.25 to $35 per pound.

Spearmint—Continuing to show the strength which it has featured for the past few weeks, this oil again increased in price by 5c. per pound. It was available from $3.95 to $4.55 per pound. Distillation has just about been completed on this year's crop, but dealers were reluctant to speculate on the effect it will have on the spot market.

Wormseed—This oil once again advanced 25c. per pound to prices ranging from $5.50 to $6.25 per pound. The new crop has not yet been distilled, but observers expressed the opinion that prices on new material would remain as high as those prevailing.

Wormwood—Spot stocks have been reported by the trade to have tightened somewhat, although there was still enough available for most needs. The new crop has not yet been distilled, but the orders being taken by primary producers were at prices which pointed toward the maintenance of the prevailing prices even after replacements reach the market. Quotations last week ranged from $6.75 to $7.25 per pound.

Aromatic Chemicals

Benzyl Alcohol—This article has been maintained at prices ranging from 60c. to 88c. per pound and was reported to be in fairly good supply condition. There was the usual active interest from consumers.

Coumarin—Continuing unchanged at the prices arrived at last month, this chemical could be had at $3 to $3.25 per pound. There was very large demand from users who wanted to build up on inventory, but producers found it necessary to offer the item in limited quantities.

Eugenol—The scarcity and fairly high cost of clove oil has resulted in the continuation of the high price of this derivative. There has been further rise in the price of the oil in recent weeks, and it may be expected that the effect will be felt by this item.

Methylheptin Carbonate—Prices continued on an even basis, ranging from $35 to $40 per pound, as to manufacturer.

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ECA Announces Additional Procurement Authorizations

Among the new procurements authorizations issued to Marshall plan countries during the period September 8 to 14 by the Economic Cooperation Administration were the following:—

To Denmark—$65,000 for petroleum from the Middle East.

To France—$1,160,000 for petroleum from the United States and $3,500,000 for petroleum from the Middle East.

To Germany — $1,150,000 for naval stores and $525,000 for chemicals from the United States.

To Greece—$1,100,000 for ammonium phosphate, $300,000 for medicinals, $300,000 for chemicals, $200,000 for agricultural pesticides, $125,000 for nonmetallic minerals, and $100,000 for chemicals other than alcohol from the United States.

To Iceland—$110,000 for soybean oil from the United States.

To Indonesian Republic—$35,000 for agricultural pesticides and $22,000 for medicinal preparations from the United States.

To Netherlands—$1,000,000 for copper from the United States.

To Norway — $550,000 for tinplate, $150,000 for chemicals, $100,000 for medicinal preparations, and $70,000 for leather products from the United States.

To Sweden—$500,000 for petroleum from Latin America.

To United Kingdom—$900,000 for nonmetallic minerals from Canada.

Stange Promotes B. Durling

Bruce L. Durling, son of William Durling, president and manager of Wm. J. Stange Co., Chicago, was recently appointed coordinator of sales and research. Bruce joined Stange in 1940 and has represented the company in a sales capacity on the west coast for the past four years. In July he was recalled to the home office in Chicago to assume the new duties assigned him.

Perfumers Meet Sept. 20

The regular monthly dinner meeting of the American Society of Perfumers will be held at the Advertising Club, 33 Park avenue, New York, September 20. Speaker will be Dr. Ernest Guenther, vice-president and chief chemist of Fritzsche Brothers, Inc., who will discuss "Citrus Oil Production in Various Parts of the World."

Toni Reorganizes Sales Department

A series of organizational changes in the sales department of The Toni Company was announced last week. Stuart K. Hensley, formerly central regional sales manager, has been appointed to the newly-created position of assistant general sales manager. Walter G. Willie, former Detroit division manager, takes over as central regional manager to succeed Mr. Hensley and will headquarter in the company's executive offices in Chicago.

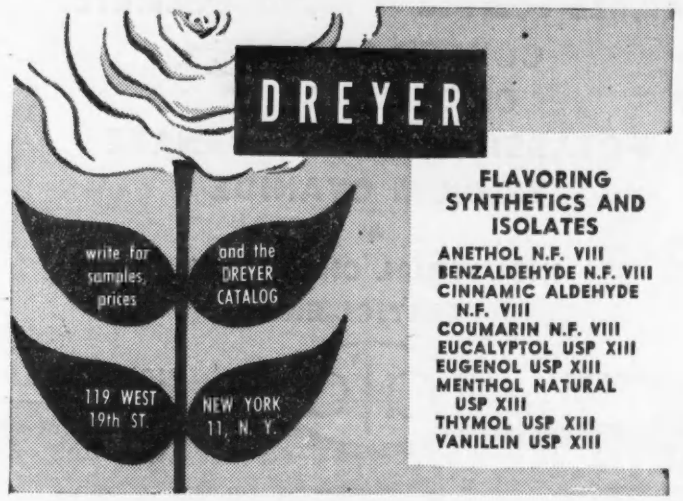
The post of western regional sales manager, with headquarters in Chicago, is being taken by Carle Randall, who for the past four years has served as eastern regional manager. Josep Salganik, who has been manager of the New York division for the past three years, becomes eastern regional sales manager and will continue to headquarter in New York.

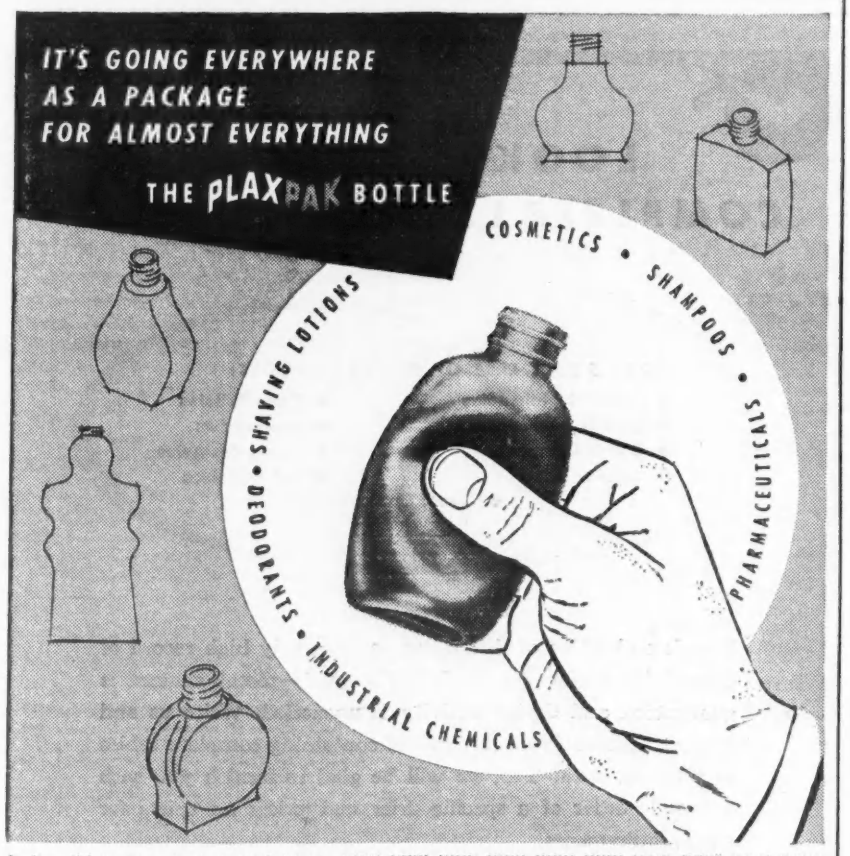
Robert Wallace, of the Los Angeles division, is moving to New York to succeed Mr. Salganik as division manager. The Los Angeles division now will be headed by George Friedman, former western regional manager. Dennis Mitchell, formerly of the company's sales promotion department in Chicago, now will head up the Detroit division to succeed Mr. Willie.

Trade Briefs

Socony-Vacuum Oil Company has contracted for construction of a towboat scheduled for completion in March. It will operate principally on the Mississippi, Ohio and Illinois rivers.

Atlantic Refining Company, Philadelphia, has named J. Murray Williams general manager of its foreign producing activities. C. H. Ford, whom Mr. Williams succeeds, will assume new duties in Atlantic's domestic crude oil production department in Dallas, Tex.

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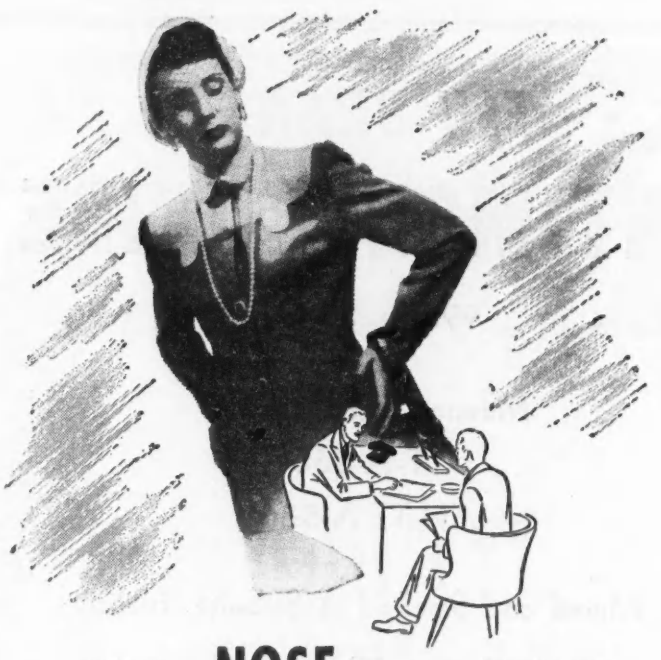

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Protective Coatings Materials

Prices continued their upward spiral last week and the index for coatings materials jumped another 4.5 points, making the new figure 192.7. Advanced were antimony oxide, imported casein, driers, glycol ethers, lead metallic paste, lithopone, phthalates, stearates and zinc pigments. In addition, increases on chromium oxide and nitrocellulose are due to take effect this week, while boosts in carbon black are scheduled for October 1.

Antimony metal gained 3½ cents during the week, producing a 2½-cent rise in the oxide. Reflecting recent advances of one cent and 2½ cents in lead and zinc metals, respectively, lead metallic paste and zinc oxide were both higher. The former was up one cent. Lead-free zinc oxide and the 5 percent leaded grade was raised 1¼ cents, 35 and 50 percent leaded grades advancing 1⅛ cents apiece. Pure zinc sulphide also was hiked, as was zinc borate.

Ordinary and titanated lithopone were upped one-half cent each. However, one maker of ordinary still stood pat at presstime, and split quotations prevailed on that material at week's end. Chromium oxide, already advanced in some quarters, will be up 3½ cents and 10 cents per pound on pure and hydrated grades, respectively, effective September 16. Carbon black is scheduled for a rise of one-half cent per pound across the board on October 1.

Although synthetic resins themselves were unchanged, producers were keeping a watchful eye on developments in the coaltar market. There were isolated advances on maleic anhydride and cresylic acid, effective immediately on spot and October 1 on contract, and the 1½-cent increase in phthalic anhydride, which has been gaining support since September 1, was applied to schedules of one more maker during the period.

Nitrocellulose quotations will move up one cent to 3 cents per pound on September 20. Phthalate plasticizers were boosted. Dibutyl was increased 4¼ cents to 4½ cents. Dicapryl received a one-cent advance, as did di-isooctyl, dimethyl and dioctyl. Dicyclohexylphthalate and diethyl phthalate each were 4 cents higher. However, the action was set for October 1 by at least one producer, and split prices prevailed in the spot market on most types at presstime. Glycol ethers were advanced on spot, diethyleneglycol types moving up one cent to 1¼ cents and ethyleneglycol materials rising one cent.

Asphalt was steady following September 1 boosts of $3 per ton on gilsonite, seconds and jets. Imported casein gained three-quarter cent per pound in New York, reflecting a stronger tone in the Argentine. Driers were up all along the line, and stearates, based on increased acid costs, were hiked 3 cents per pound all around.

Market Trends

Prices Advanced

Antimony oxide, 2½c. per lb.
Casein, imp., acid-precip., ¾c. per lb.
Dicapryl phthalate, 1c. per lb.
Dicyclohexylphthalate, 4c. per lb.
Diethyleneglycol ethers, 1c. to 1¼c. per lb.
Di-isooctyl phthalate, 1c. per lb.
Driers, ½c. to 1¾c. per lb.
Ethyleneglycol ethers, 1c. per lb.
Lead, metallic paste, 1c. per lb.
Lithopone, titanated, ½c. per lb.
Rosin, gum, New York, B, D, 25c. per 100 lbs.
E, F, G, H, I, K, M, N, WG, WW, X, 10c. per 100 lbs.
Savannah, H, I, 16c. per 100 lbs.
K, M, N, 10c. per 100 lbs.
WG, 15c. per 100 lbs.
WW, X, 13c. per 100 lbs.
Stearates, 3c. per lb.
Turpentine, gum, New York, 2c. per gal.
Savannah, 4c. per gal.
Zinc oxide, lead-free grades, 1¼c. per lb.
leaded, 5%, 1¼c. per lb.
35%, 1⅛c. per lb.
50%, 1⅛c. per lb.

Prices Reduced

None

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Sept. 16, 1949
192.7	188.2	178.2	196.4	211.9

(For Current Prices see Page 9)

Prime Pigments

Antimony Oxide—Reflecting a 3½c. increase in the metal, oxide prices were raised 2½c. per pound last week. The new schedule calls for 27½c. per pound carload, and 28½c., less carlot. Demand was so strong and stocks so low that bids for material were reported to be going begging.

Black, Carbon—Prices will go up ½c. per pound on all types on October 1. The new carload listings are as follows:—Channel, beads, 7c.; channel, uncompressed, regular, 9½c.; furnace, fast extruding, 6c.; furnace, high modulus, 5½c.; furnace, semi-reinforcing, 4c., and furnace, very fine, 7-9/10c. per pound. With the exception of channel, beads, which is a bulk price, all quotations above are for bags.

Green, Chromium Oxide—With the price of pure already raised to 37½c. per pound in some quarters, one producer last week announced increases of 3½c. and 10c. per pound on pure and hydrated grades, respectively, effective September 16. The new schedule calls for 95c. to $1.05 per pound for less carloads of hydrated and 37½c. to 44c. for carloads of pure, ranges representing differences in grades.

Lead, Metallic Paste—Reflecting the previous week's 1c. rise in pig lead, quotations on this pigment material advanced a like amount during the period. Current listings range from 32½c. to 34c. per pound, depending upon quantity.

Lead Pigments—The metal stood fast last week, holding at 16c. per pound for prime in New York. Derived pigments, as a result, were similarly firm, stabilizing at recently established higher levels.

Lithopone—Advances of ½c. per pound were applied to schedule of both ordinary and titanated grades last week, a reflection of recent increases in metallic zinc. However, the action was on the former material was not uniform throughout the trade, and split quotations prevailed at presstime, making carload listings 6½c. to 7c. on ordinary and 9c. per pound on titanated.

Zinc Pigments—The price on slabs remained unchanged during the period, making the East St. Louis listing 17½c. per pound. However, producers of zinc oxides, taking their cue from previous rises in zinc and lead metals, effected boosts of 1¼c. per pound on lead-free grades and the 5 percent leaded material and increases of 1⅛c. per pound on 35 and 50 percent leaded grades. Pure zinc sulphide was also moved up, as was zinc borate. Barium, calcium and magnesium extended grades of zinc sulphide are no longer being offered.

Synthetic Resins

Three price moves in coaltar chemicals, which were expected to have an eventual bearing on resins quotations, cropped up in last week's market. One maker of maleic anhydride announced a boost of 4c. per pound, effective immediately on spot and October 1 on contract. One line of cresylic acid was advanced 5c. per pound on resin grades and up to 15c. on standard grades, also effective at once on spot and October 1 on contract. Finally, the 1½c. increase in phthalic anhydride, which has been gaining support

Paint, Varnish, Lacquer Sales: July

The value of sales of paint, varnish, lacquer and fillers in July, 1950, as reported by 680 establishments to the Bureau of Census, was $99,198,857. These establishments accounted for approximately 90 percent of the total value of the output of the industry as reported in the Census of Manufacturers for 1939. Included are data on sales of water-thinned paints and nitrocellulose lacquers, which formerly were published separately but have since been discontinued. Details of sales reported with comparative data for 1949 follow:—

	Total sales reported by 680 establishments	Classified sales reported by 580 establishments				Unclassified sales reported by 100 establishments
		Trade-sales of paint, varnish, and lacquer	Industrial sales			
			Total	Paint and varnish	Lacquer	
1950—July	$99,198,857	$56,842,847	$33,001,532	$24,555,870	$8,445,662	$9,354,478
Total, 7 months	632,939,051	350,975,796	222,909,997	164,795,054	58,114,943	59,053,258
1949—July	108,910,472	61,914,936	36,719,365	27,196,453	9,522,912	10,276,171
Total, 7 months	568,682,391	318,824,960	195,266,099	147,509,009	47,757,090	54,591,332

For Late Market Developments, See Page 4

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SPECIFICATIONS
Melting Point: Cube-in-Mercury).110°-130°C
Color:
Resin (Neville Method)..2-4
60% solution in mineral spirits (Gardner Method) 14
Acid No.....Less than 1
Saponification No.....0
Iodine No.....100 to 110
Av. Sp. Gr. at 25°C....1.122
Av. wt. per gal.....9.35 lbs.
VARNISH CHARACTERISTICS
Fast Drying
Good Light Stability
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Available in quantity for immediate shipment at only 12¢ LB.
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Paint Oil Base—A salvage oil of very low cost for use in shingle paints and barn paints—special at ½ the price of linseed oil, plus drums.

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Soya Oil—All grades
Wood Oil—Chinese, Argentine, Domestic
Dilseed Oil—Solid and Liquefied
Safflower Oil—All grades
Coconut Oil—All grades including Cochin
Castor Oil—LCP No. 1 and No. 5

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- Alkali Refined.
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Los Angeles—California Flaxseed Products Co.
Louisville—B. H. Boyet & Co. Deeks, Sprinkel & Miller, Inc.
Minneapolis—Horton-Earl Co.
Montreal—B. & S. H. Thompson & Co., Reg.
New York—Garrigues Stewart & Davies, Inc.
Philadelphia—Baker and Gaffney
Portland, Ore.—West'n Chemicals, Inc.

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since September 1, was applied to schedules of one more maker during the period. Meanwhile, as for the resins themselves, stocks were reported to be narrowing all along the line, while demand was said to be moving up steadily.

Lacquer Materials

Glycol Ethers—Prices were increased 1c. to 1¼c. per pound on diethyleneglycol ethers and 1c. on ethyleneglycol materials, effective immediately on spot and October 1 on contract.

Nitrocellulose—Prices will move up 1c. to 3c. per pound on September 20. Ester-soluble material of the 30-35 and the 18-25 centipoise categories, each up 1c., will command 29c. and 31c. per pound, respectively, for carload quantities. Ester-soluble in the 250-400 second category and spirit-soluble in the 30-35 centipoise and 5-6 second categories, all increased 3c., will bring 35c., 38c. and 37c. per pound respectively, for carloads.

Phthalates—A variety of increases on these plasticizers was announced during the week, effective immediately on spot and, in most cases, October 1 on contract. Dibutyl was moved up 4¼c. to 4½c. Dicapryl received a 1c. boost, as did di-isooctyl, dimethyl and dioctyl. Dicyclohexylphthalate was raised 4c. per pound, as was diethyl phthalate. Following are the new spot quotations for tankcars:—Dibutyl, 28¼c. to 33c.; dicapryl, 38c.; diethyl, 24c. to 28c.; di-isooctyl, 38c.; dimethyl, 23c. to 24c., and dioctyl phthalate, 36c. to 38c. per pound. The new schedule on dicyclohexyl-phthalate calls for 44c., carload, and 46c., l.c.l. The action was set for October 1 by at least one maker, which accounts for the split prices prevailing on some types at week's end. In addition, one seller was posting a 32c. tankcar quotation on dibutyl, while another had a 35c. listing on dibutyl tankcars scheduled for the start of the fourth quarter.

Miscellaneous Materials

Asphalt—Quotations on gilsonite, seconds and jet steadied following increases of $3 per ton apiece on September 1. The current carload quotations on these materials are $37, $34 and $34 per ton, respectively. Demand for petroleum asphalt was considered normal for this time of year. Stocks were good. There were no price changes, nor were any contemplated.

Casein—Reflecting a stronger tone in the Argentine due to the scarcity of supplies in that country, New York prices on imported casein gained another ¾c., moving up to a range of 35½c. to 36c. per pound. Dealers here reported good business. It was felt in some quarters that the situation in the Argentine pointed to further advances in the price of imported. Meanwhile, there were reports that France might be in a position to offer small quantities of casein at 37c. to 38c. per pound for October shipment. Domestic listings held their ground. Those producers offering domestic stated that stocks were good, business slow.

Driers—Reflecting recent increases in metals and other raw materials, a diversity of advances was effected on drier schedules last week. Naphthenates, for example, moved up ½c. to 1¾c. per pound, while tallates were ¾c. to 1¼c. higher. Linoleates and resinates also were advanced. In the case of naphthenates, the boosts were not uniform throughout the trade, and split prices prevailed on these materials at presstime.

Stearates—In reflection of steadily mounting costs of stearic acid, producers of flatteners last week effected increases of 3c. per pound across the board. Fol-

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lowing are the new carload prices:—Aluminum, 35c.; barium, 39c.; calcium, 37c.; iron, 39c.; lead, precip., 41c.; magnesium, 40c.; manganese, 40c., and zinc, 39c. per pound.

Naval Stores

Pine Gum—Prices received by producers for crude pine gum delivered to processing plants during the week ended September 9 averaged $24.09 per standard barrel of 435 pounds, according to the Department of Agriculture. This was an appreciable increase over the previous week's average of $22.54.

The nineteen reporting plants received 14,926 barrels, or an average of 786 barrels per plant compared with 1,242 barrels a week earlier. The contents per barrel averaged 11.47 gallons of turpentine and 298.6 pounds of rosin. The gum was graded 56 percent WW, 16 percent WG, 12 percent N, 6 percent M, 10 percent K and below.

The record of the gum naval stores markets during the week ended September 15 was as follows:—

Gum Rosin

	Price per 100 lbs. Savannah Exchange (Low of range) Mon.	Tues.	Wed.	Thurs.	Fri.	New York c.l., f.o.b. N. Y. Friday	l.c.l., ex whse.
B	$4.10	$4.10	$4.10	$4.10	$4.10	$7.25	$8.00
D	4.25	4.25	4.25	4.25	4.25	7.25	8.00
E	4.75	4.75	4.75	4.75	4.75	7.75	8.50
F	6.25	6.25	6.25	6.25	6.25	7.75	8.50
G	6.45	6.45	6.45	6.45	6.45	7.75	8.50
H	6.45	6.45	6.45	6.66	6.61	7.75	8.50
I	6.45	6.45	6.45	6.66	6.61	7.75	8.50
K	6.51	6.51	6.51	6.66	6.61	7.75	8.50
M	6.51	6.51	6.51	6.66	6.61	7.75	8.50
N	6.51	6.51	6.51	6.66	6.61	7.75	8.50
WG	6.56	6.56	6.56	6.72	6.71	7.80	8.55
WW	6.75	6.75	6.87	6.88	6.88	8.00	8.75
X	6.75	6.75	6.87	6.88	6.88	8.00	8.75

	Drums Mon.	Tues.	Wed.	Thurs.	Fri.
Sales	...	...	100	230	150
Receipts	2,886	860	981	1,292	44
Shipments	709	...	...	...	7,693
Stocks	36,241	37,101	38,082	39,374	31,725

Gum Turpentine

New York, Friday, tanker, f.o.b. ... gal. (7 lbs.) .75
ret. dms., l.c.l., ex whse ... gal. (7 lbs.) .82

	Savannah Exchange, Bulk Mon.	Tues.	Wed.	Thurs.	Fri.
Per gal.	.61	.61	.65	.65	.65
Sales, bbls.	...	...	106	...	...
Receipts, bbls.	270	239	575	170	271
Shipments, bbls.	878	157	...	...	859
Stocks, bbls.	10,842	10,944	11,519	11,689	11,101

Cleveland Paint Club To Elect New Officers

The Cleveland Paint, Varnish and Lacquer Association will elect new officers at the final golf outing and clam bake of the season, to be held at Columbia Hills September 21.

The slate of the nominating committee is as follows:—President, H. E. Wise, The Arco Company; vice-president, R. G. Cunningham, Pittsburgh Plate Glass Company; treasurer, N. G. Schabel, N. G. Schabel Company, and secretary, A. C. Mueller, A. C. Mueller Company.

Hemingway Quits as Head Of Interchemical Division

Harry J. Hemingway has resigned as president of the Standard Coated Products Division of Interchemical Corporation, New York, and has been succeeded by Mell Daniel, vice-president of Interchemical's Wadsworth & Woodman Division. Harry S. Woodman, Wadsworth & Woodman president, will occupy a new post of divisional chairman of Standard. Both will retain present positions with Wadsworth & Woodman.

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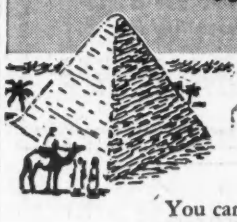
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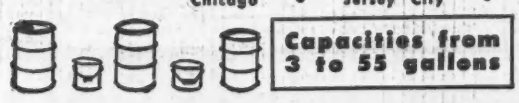

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Oils, Fats and Waxes

With the possibility of price controls overhanging the market and reduced buying interest, edible vegetable oils were weaker and prices declined from ½ cent to 2 cents per pound. However, this was offset by the higher cost of tallow and greases which caused animal oils and fatty acids to advance from 2 to 4 cents per pound, lifting the price index 5.9 points.

Crude cottonseed and soybean oils suffered the largest break in the vegetable oil group while corn and peanut oils declined fractionally. Bleachable cottonseed oil futures reflected the weakness in crude, especially the September delivery which was under heavy liquidation.

Tallow and greases continued strong and limited offerings were maintained at premiums of at least 2 cents per pound above recent advanced levels. This was reflected in other animal fats. Grease and tallow oils were raised sharply. Red oil and stearic acid were lifted 2 cents per pound. Vegetable oil fatty acids also were advanced 1 to 2 cents per pound.

Fish oils were stronger. Sales of crude sardine oil took place at an increase of 1½ cents per pound. Demand was active for both export and domestic requirements. Menhaden fishing on the Atlantic coast was disrupted by the hurricane. Higher cost of crude lifted refined fish oil 2½ cents per pound.

Edible olive oil market was further strengthened by the announcement of the Spanish government that standing contracts for shipment would be cancelled and renegotiated at higher prices. Low stocks of oil on spot were closely held and the price trend was higher.

Cottonseed Oil

Heavy liquidation in bleachable cottonseed oil for prompt delivery resulted in sharp declines in the September and October positions, while deferred months were off moderately. Selling pressure in September caught stop loss orders and quotations dropped about 1½c. per pound. Trading was active with considerable switching to forward deliveries. (September tenders totaled 40 contracts and were stopped.) Lower crude oil which declined 1¾c. per pound and the withdrawal of consuming inquiry affected the market. Refiners practically withdrew from the market and for other vegetable oils.

Crude cottonseed oil closed nominally at 17½c. per pound, tankcar, f.o.b. Southeast and Valley, and 17¼c., Texas.

Sales and prices of refined bleachable prime summer yellow cottonseed oil in tankcars (60,000 pounds) on the N. Y. Produce Exchange for the week ended September 15 follow:—

	Sales	Cents per pound High	Low	Close
September	357	22.50	20.00	Expired
October	316	21.24	19.85	20.01S
December	876	20.68	19.55	19.72—19.70S
March	692	20.76	19.50	19.62S
May	942	20.50	19.51	19.65—19.68S
July	382	20.40	19.40	19.55S

Total sales, 3,565 tankcars, including switches.

Memphis—Last sales crude cottonseed oil at 18c. per pound, tankcars, f.o.b. mills, and crude soybean oil at 15½c., same basis. Trading light. Cottonseed meal, 41 percent, quoted at $73 per ton, sacked, Memphis, September, and $72, October. Cottonseed cake quoted at $65 per ton, f.o.b. Mississippi mills, September-October. Hulls, $10 to $12 per ton, f.o.b. mills. Rains delayed ginning and seed movement. Few mills running in this section.

Linseed Oil

Trading was restricted to fill-in quantities for immediate needs. Supply of spot oil was tight, with sellers taking care of regular customer. Raw oil was for spot and September delivery was quoted at 17.60c. per pound, tankcars, zone 3; first half October, 16.80c.; second half October, 16.30c.; and November-December, 15.80c. Buying interest in forward requirements was slow, as consumers preferred to await further developments.

Government report as of September 1 forecast the flaxseed crop at 34,142,000 bushels, compared with August 1 estimate of 30,695,000 bushels, 1949 production of 43,664,000 bushels and 10 year average of 34,752,000 bushels.

Production and Marketing Administration announced that 1951-crop flaxseed will be supported at an average price of $2.65 a bushel. This year, the average support price for 1950-crop flaxseed is $2.57 per bushel, based on 60 percent of the April 1 parity price. Support for the 1951 crop will be rendered through loans and purchase agreements except in specific counties in Texas where direct purchases only will be made. Terminal and county support prices for U.S. No. 1 flaxseed, as well as discounts for U.S. No. 2, will be established by Commodity Credit Corporation to reflect the average support of $2.65 a bushel.

Minneapolis.—Paint manufacturers and other consumers booked only what they had to, after having run out on September requirements. Interest in November needs and beyond was practically nil as most linseed oil consumers adopted a waiting attitude. The government's recent estimate on the flaxseed crop—showing prospects up almost 4,000,000 bushels over the August estimate—did not help buying sentiment in the oil market. Most area crushers held fast to the previous week's quotations. Raw linseed oil for September delivery was quoted at 17c. per pound, in tanks, zone 1; first half October at 16.7c.; last half October at 15.7c., and November-April at 15.2c. Shipping directions against contracts last week were the best of the past five weeks.

Shipments of linseed oil from Minneapolis, in pounds, were as follows:—

	1950-51	1949-50
Last week	11,340,000	11,340,000
Since Sept. 1	18,540,000	21,120,000

Flaxseed—Market remained steady. Trading active for prompt delivery.

Minneapolis.—The flaxseed market regained its composure after fluctuating over a wide range in the preceding week. Crushers reentered the market and bid $3.50 to $3.55 per bushel for No. 1 seed early in the week but were unable to get many offerings. Later in the week, when they stepped up bids to $3.65, they received plenty of seed on a to-arrive basis.

Receipts and shipments of flaxseed, in bushels, were as follows:—

Bushels—	Receipts 1950-51	Receipts 1949-50	Shipments 1950-51	Shipments 1949-50
This week	1,689,200	1,720,400	192,100	251,600
Since Sept. 1	2,780,400	4,224,500	317,900	358,700

Other Vegetable Oils

Castor Dehydrated—Trading was moderate for actual needs. Market was firm and quotably unchanged. Stocks were light.

Coconut—Market was unsettled, declining ¼c. Consuming inquiry slackened. Crude oil was quoted at 17¾c. per pound, tankcars, f.o.b. Pacific coast; 17½c., October, and 17¼c., November-December.

Copra—Tone of this market was easier and prices were off $10 per ton. Prompt shipment was quoted at $230 per short ton, c.i.f. Pacific coast.

Corn—Consuming inquiry was slow. Market was easier and off ½c. Crude oil was quoted nominally at 18½c. per pound, tankcars, f.o.b. mills. Refined oil was also unsettled and quoted at 23c. per pound, tankcars, New York.

Olive—Spanish government announced last week that standing contracts for shipment of edible oil at $46 per 100 kilos, would be renegotiated on the basis of $65 per 100 kilos. This resulted in a firmer market, and low stocks on the spot were lifted to $3.25 per gallon, drums, duty paid, depending upon seller. Demand was good. Trading in foots was quiet and quotations were steady at 14½c. to 15c. per pound, drums, spot and prompt delivery.

Peanut—Demand slackened and market declined ½c. Crude oil was quoted nominally at 21c. per pound, tankcars, f.o.b. mills, September; 20½c. October and 19½c. November. Refined oil was unsteady and nominal at 25c. per pound, tankcars, New York delivery.

Soybean—Lower competing oils and slow demand created an easier tone. Crude oil was lower and sold at 14½c. per delivery; at 13¾c. October, and 13c. November. Refined oil declined to 18c. per pound, tankcars, New York. Government report of September estimated soybean crop at 274,702,000 bushels, against 222,-

For Late Market Developments, See Page 4

Market Trends

Prices Advanced

Coconut fatty acid, 1c. per lb.
Cottonseed fatty acid, 1½c. per lb.
Fish oils, refined, 2½c. per lb.
Grease oils, 2¼c. to 4c. per lb.
Menhaden oil, crude, 1½c. per lb.
Oleo oil, ½c. per lb.
Red oil, 2c. per lb.
Sardine oil, crude, 1½c. per lb.
Soybean fatty acid, 1¾c. per lb.
Stearic acid, 2c. per lb.
Tallow fatty acid, 2c. per lb.
oil, 3¼c. per lb.

Prices Reduced

Carnauba wax, crude, No. 3, 1c. per lb.
yellow, No. 1, 5c. per lb.
No. 2, 5c. per lb.
Coconut oil, ¼c. per lb.
Copra, $10 per ton.
Corn oil, ½c. per lb.
Cottonseed oil, 2c. per lb.
Peanut oil, ½c. per lb.
Soybean oil, 1¾c. per lb.
Tung oil, ¼c. per lb.

Comparative Price Indexes

(100=August 1, 1914)

Last week	Prev. week	Last month	Dec. 30, 1949	Sept. 16, 1949
164.2	158.3	148.8	111.3	123.0

(*For Current Prices see Page 9*)

305,000 bushels, final production last year and 10-year average of 164,491,000 bushels.

Sales and prices of prime crude soybean oil on the N. Y. Produce Exchange in tankcars (60,000 pounds) for the week ended September 15 follow:—

	Sales	Cents per pound—High	Low	Close
September	24	15.80	14.25	Expired
October	60	14.01	13.58	13.58—13.60S
November	37	13.20	12.75	12.75S
December	39	13.10	12.65	12.65S
January	9	13.00	12.80	12.45@12.60
March	27	13.15	12.60	12.60S
May	150	13.10	12.54	12.59—12.54S
July	18	13.05	12.80	12.42@12.59
August				12.40@12.60

Total sales, 364 tankcars and switches.

Tung—Market was easier and off ¼c. Light sales were reported at 25¼c. per pound, tankcars, New York, nearby, and 25c. October forward. Imports totaled 1,680,000 pounds bulk at New York from China last week.

Fats and Greases

Greases—Scanty offerings due to sold up production were held at premiums especially for choice white and yellow grades. The bulk of business was for export at premiums. Choice white was reported sold 15¼c. per pound, drums, f.a.s. and yellow was held at 12¼c., same basis. Soapers absorbed moderate lots at official prices at out of town points and small lot buyers were purchasers at premiums for domestic needs.

Lard—It was reported that soap makers bought lard for the kettle. Market was lower early in the week, but closed higher. Cash lard reacted to 15⅛c. per pound, tierces, Chicago. Pure refined lard was quoted at 17¾c. to 18c. per pound, containers, f.a.s.

Tallow — Exporters continued to pay premiums for all grades. Fancy was quoted at 15⅝c. to 15¾c. per pound, drums, f.a.s. and 14¾c., bulk, c.a.f. Extra was firm at 14c. bulk, c.a.f. Soapers purchased odd lots at official prices at out of town points.

Animal Oils

Recent sharp advances in grease and tallow further boosted prices of grease oils 2¼c. to 4c. for all grades. No. 1 was lifted to 17½c. per pound, drums, carlots; extra winter strained, 21½c. and prime burning, 23c., same basis. Acidless tallow oil also was raised to 19¾c. per pound, drums, carlots.

Fish Oils

Refined—Higher cost of crude stiffened refined and light pressed was advanced 2½c. to 16c. per pound, tankcars, New York basis. Offers were scarce and quotations nominal. Crude sardine oil was up 1½c. and sold at 12c. per pound, tankcars, f.o.b. Pacific coast. Crude menhaden oil was higher and nominal at 12c. Baltimore. Fishing off the Atlantic coast was affected by the hurricane. Production of crude menhaden oil totaled 1,826,259 gallons during July, compared with 1,940,951 gallons for the same month last year.

Los Angeles — The volume of trading on sardine oil has been moderate. Approximately ten cars of crude sardine moved at 11c. per pound, f.o.b., San Pedro and trading later took place at 12c. per pound, the present bid at that level. This represents a high since the season two years ago when oil was traded from 12½c. to 16½c. per pound. Three cars of tuna oil moved at 9c. per pound, f.o.b., San Pedro, with this oil continuing scarce until November. Mackerel oil traded at 10c. and 12c. per pound was asked.

Fatty Acids

Higher cost of tallow and greases resulted in boosting red oil and stearic acid, 2c. per pound. Distilled red oil was advanced to 19c. per pound, and double, 21½c. per pound, tankcars. Single pressed stearic acid was lifted to 18½c. per pound, bags, carlots; double, 19½c. and triple, 21¾c. Vegetable fatty acids

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A. Gross' Stearic Acids follow the natural balance of Palmitic Acid and Stearic Acid as found in tallow. The importance of the Palmitic Acid content (55%) of natural Stearic Acid, whether for the production of quality face creams or durable buffing compounds, cannot be discounted.

For consumers who desire a higher percentage of Stearic Acid for less demanding applications, we have available a white Hydrogenated Tallow Fatty Acid with a Stearic Acid content of 70%.

SPECIFICATIONS

	Triple Pressed	Double Pressed
Titre °C	54.5°-55.0°	53.9°-54.3°
Titre °F	130.1°-131.0°	129.0°-129.7°
Color 5¼" Lovibond Red	0.1-0.5	0.5-1.0
Color 5¼" Lovibond Yellow	1.0-2.0	2.0-3.0
Saponification Value	207-210	207-210
Acid Value	206-209	206-209
Iodine Value	3.5-4.5	5.5-7.0

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also were higher. Cottonseed was advanced 1½c. per pound; coconut, 1c.; soybean, 1¾c., and tallow, 2c.

Cake and Meal

Cottonseed Cake and Meal — Market continued strong with excellent local demand. Forty-one percent loose slab cake was $65 bid, and $66 asked Mississippi Valley points, immediate through first half October with limited trading. Forty-one percent sacked meal was sold in limited quantities at $71 to $72 per ton f.o.b. Georgia points with South Carolina mills asking about $2 higher. Seed movement continued very slow after heavy rains throughout the Southeast.

Linseed Meal—Market weaker under selling pressure and slow demand.

Minneapolis—Linseed meal continued under pressure again last week as crushers, operating nearly at capacity, had plenty of feed to offer the market. There was considerable reselling pressure, also. Inquiries were only light. Extracted linseed meal (36 percent) for spot shipment was $2 a ton lower and offered at $57.50 per ton, bulk, in carlots, f.o.b. Minneapolis; October delivery at $58.50, and November-December at $59.50. Expeller linseed meal (34 percent) was down $1.50 a ton and quoted at $59 per ton for spot delivery and at $62 to $63 for October forward.

Shipments of linseed meal from Minneapolis, in pounds, were as follows:—

	1950-51	1949-50
Last week	14,940,000	15,830,000
Since Sept. 1	31,260,000	34,790,000

Peanut Meal—Limited quantities forty-five percent old process meal was sold from $71 to $72 per ton f.o.b. Georgia and Alabama mills. September 1st government report estimated peanut crop at 827,948 tons as compared with last year's production of 937,913 tons, the 1939-43 average production was 975,395 tons.

Soybean Meal—Meal market continued on the weak side with forty-four percent bulk quoted at $55 per ton, Decatur, immediate through September shipment. October forward trading continued light at $52.50 to $53.50, Decatur.

Waxes

Beeswax — This market remained firm with the high cost of crude wax. Brazilian crude was advanced to 57c. to 59c. per pound, spot delivery. African was firm at 54c. to 56c. Offers for shipment were scarce. Refined grades were unchanged and firm at the recent advance.

Carnauba — Increased offers for shipment from Brazil at lower levels were reflected locally. Spot market was easier. No. 1 yellow declined to $1.10 to $1.12 per pound, and No. 2, $1.08 to $1.10 spot as to quantity. No. 3 crude and refined also were unsettled and off about 1c. per pound.

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data sheet

GLYCERIDES 50/51

Melting Point	54 to 58° C
Titre	51 to 53.5° C
Free Fatty Acid (as Oleic)	3.0% maximum
Acid Number	6.0 maximum
Iodine Number	6.0 maximum
Saponification Number	188 to 195
Unsaponifiable	2.0% maximum
Spec. Grav. @ 100/25° C	0.856
Color	light

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textile chemicals, lubricants, leather chemicals, wax compounds, metallic stearates, soaps, buffing compounds, crayons, adhesives

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a white beaded solid, non-corrosive, will not oxidize under normal conditions, insoluble in alcohol, but soluble in chlorinated or hydrocarbon solvents, compatible with both mineral and vegetable waxes, as well as all fats.

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9—DOUBLE DRUM ATMOSPHERIC DRYERS: 28 x 60", 36 x 81" Black & Clawson; 32 x 72", 32 x 90", 32 x 100", 42 x 90", 42 x 100" Buffalo.
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2—Tolhurst 40", 32" Suspended Type Bottom Discharge, Centrifugals, monel perforated baskets.
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1—Tolhurst 26" Suspended Type Centrifugal, bottom discharge, steel perforated basket.
6—Sweetland Filters, Nos. 12, 10, 7, 2.
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1—Oliver 3'x2' Rotary Vacuum Filter, stainless steel valve.
1—Swenson 4'x5' Steel Rotary Vacuum Filter.
6—Patterson, Abbe Pebble Mills, 6'x8', 6'x5', 3'x3½', 2'x3'.
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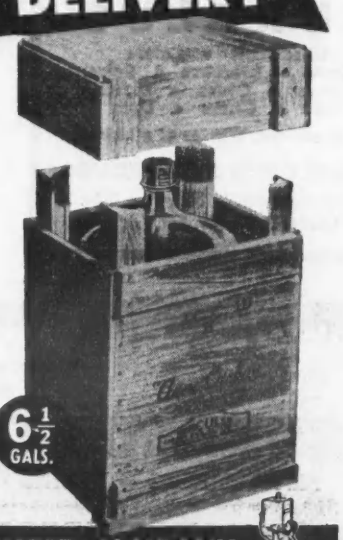

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One Steel Niagara 300 sq. ft. filter with stainless leaves, large cake door. Brand new filter used just a few weeks. Suitable for wide variety of chemical applications. Immediate shipment. OPD 461.

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MATERIALS OFFERED

Desoxycorticosterone acetate, progesterone, ouabaine (strophantin G), pas-sodium, TB-1 tyrothricine for export. Diethylstilboestrol, quinine sulfate,neostigmine methysulfate for domestic use and export. Send inquiries stating quantities required to OPD 458.

FOR SALE

For Sale on reasonable terms: Proven large scale production formulas and processes for manufacture of coal tar intermediates and dyes; hair dyes; fur dyes; photographic developers. Installation and control on consultant basis. OPD 448.

MATERIALS WANTED

Wanted: Surplus & salvage chemicals, solvents, pigments, oils, varnishes, resins, spray booth sludges and any recoverable materials. We are direct users not dealers, and hence can afford to pay you more. We use ourselves everything we buy. Kemsicote Chemical Company, P.O. Box 349, Rahway, N. J.

Wanted: Titanium pigment (any grade) needed to carry on our business. Will pay any reasonable premium or trade for other critical chemicals. Samuel Smidt Chemical Co., 410 Frelinghuysen Avenue, Newark, N. J.

Chromic Acid and Sodium Bichromate. Texas manufacturer urgently needs minimum five tons each. Located on tidewater. Please quote any quantity, giving price, terms, f.o.b. point. Reply OPD 450.

Do not wait until conditions further limit prospects of disposing of top-heavy inventories; will purchase surplus unshipped commodities, all kinds. Particularly interested in pigments, chemicals, dyes, colors, waxes, drugs, pharmaceuticals, etc. OPD 434.

Wanted by consumer—Crystal urea—diethylene glycol—triethanolamine. Advise quantities available as well as price. OPD 456.

We are badly in need of titanium dioxide, any grade, for our own use. Will pay highest prices. Address OPD 454.

Wanted: Vinylite VMCH, also we offer for sale at attractive prices Vinylite XYSG, Vinylite XYHL, Prussian Blue, Tributyl Phosphite, Copper Napthenate, Leather Dust (Chrome Tannage), Geon "Paste" Resin (Polyvinyl Chloride). OPD 449.

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General Export and Import firm of New York, with splendid Indian connections for E. I. Raw and Tanned Goat—Sheep, specializing particularly in tanned skins, requires a man with full knowledge skin business and some knowledge of general import business. When replying, give full particulars of past experience with references. OPD 459.

Salesman wanted: Telephone salesman essential oils, must know line, draw against commission. OPD 451.

POSITIONS OFFERED

Industrial finishes chemist—Well established Eastern paint manufacturer has excellent opportunity for man between the ages of 35 and 50 who has a positive background and know-how in formulating production line finishes. Duties call for being in complete charge of section of laboratory devoted to such finishes. Laboratory and plant facilities are extremely modern. Company manufactures its own alkyds. Applicant will have at his disposal up to date vehicles and personnel well experienced in vehicle formulation. If you have served as a chief chemist or a group leader in the past, you may qualify for this position which is one of importance and responsibility with a splendid future. Position pays top salary. If you are seeking that "last position" this may be it. Our technical staff have knowledge of this advertisement. OPD 460.

Turpentine, Linseed Oil, Alcohol, experienced sales executive with large following to manage dept. established firm, metropolitan New York area. Salary and share of profits without investment. OPD 441.

Wanted: Graduate chemist, preferably one with experience in the development of shoe and tannery finishes, or a knowledge of the manufacture of wax and resin emulsions by a well established, progressive organization located in the middle west. In reply state age, education, experience and salary desired. All replies will be held strictly confidential. OPD 462.

Manufacturing Chemist or Pharmacist experienced in the manufacture of botanical extracts (fluid, solid and powdered). State qualifications and experience. Salary no factor. OPD 440.

Exceptional opportunity. Salesman with strong basic dyestuff followings can ally himself with active organization. Right man will be given stock participation in business. Replies held strictly confidential. OPD 427.

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SERVICES OFFERED

Search conducted in Patent and Trade Mark Registry. For filing application for Registration of Trade Marks and for Patents under Indian Laws, Consult Post Box 10810, Calcutta, India.

Chemical Industry Leaders

—Continued from page 3

bill by the President, the Federal Reserve Board issued regulation W fixing curbs on consumer credit by establishing minimum down payments for certain purchases and maximum time periods for completing purchases. On September 11, Secretary of Commerce Sawyer set up the National Production Authority within the department to handle its defense assignments, and two days later Secretary of the Interior Oscar Chapman announced that he was establishing a Minerals and Energy Authority to handle the defense work of his department.

Thus far the Economic Stabilization Agency exists only on paper. No appointments have been made to the agency as yet by the President, but it is known that he has been going over a long list of suggested names in conferences with former officials of the old Office of Price Administration and the old Wage Stabilization Board.

ESA Administrative Setup

When established, the Economic Stabilization Agency will be composed of a director of price stabiiization and a wage stabilization board of nine members—three of them representing the public, three industry and three labor, with one of the public members being designated as chairman.

The Minerals and Energy Authority will be independent of the Department of the Interior, but tied to Secretary Chapman through a deputy. The setup will be somewhat similar to that of the Petroleum Administration for War. The agency still exists in name only and has not yet been formally established nor have any appointments yet been made. Hugh A. Stewart, director of the oil and gas division of Interior is expected to head up the oil unit.

The agency most nearly complete in its new set-up is the National Production Authority established by Secretary of Commerce Sawyer. It has already begun functioning, having held conferences within forty-eight hours after its creation with representative groups from the steel industry and the copper industry on ways to control the distribution of the industry's products to assure no defaults in the movement of such materials to industries working on defense contracts. The agency is headed by William H. Harrison, president of International Telephone & Telegraph Corporation.

Responsibilities of NPA

The new agency will be responsible, (1) for determining requirements of materials needed to maintain national defense, the civilian economy, and established foreign policies of the United States; (2) for formulating and executing policies and programs by which the American economy can meet these requirements.

In addition to a program division and an industry operations division, NPA will include areas devoted to the requirements of the civilian economy, small business and labor.

Titanium Elects Corddry

—Continued from page 5

colm will be in charge of the New England territory, succeeding Mr. Diener in that position. His headquarters will be in Boston.

Norman E. Olson, sales representative, has been appointed a district sales manager, his district consisting of the Chicago area and midwestern and southern states west of the Mississippi river. Mr. Olson will be located in the Chicago office. Fred R. Hodgson, sales representative, has been named a district sales manager, with territory consisting of the Cleveland area and midwestern and southern states east of the Mississippi river. His headquarters is Cleveland.

W. Schoonmaker will continue as district sales manager of the Philadelphia area and southeastern states, with headquarters in Philadelphia. James MacGuffie has been appointed manager of the technical service department of the Titanium Pigment Corporation, with headquarters in New York.

Paint Course Scheduled

Classes in paint production techniques will be held every Tuesday evening, beginning September 19, at Brooklyn Technical High School, Brooklyn, N. Y., according to the technical training committee of the New York Paint, Varnish and Lacquer Association. There will be no charge for the course.

Trade Briefs

H. Braith Davis, chairman of the board of John W. Masury & Sons, Baltimore, has been elected president of the Enterprise Club of Baltimore.

Esso Standard Oil Company, New York, has announced that the 643rd Quartermaster Petroleum Depot Company, U. S. Army Reserve, comprised of employees from the Pennsylvania division of the concern, has been alerted for mobilization.

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Sales Manager for Paint Company with plant in Texas. A wonderful opportunity for above - average man who has already proved his ability to produce a large volume of paint sales. Must have Trade Sales experience. We don't need sales now but want progressive man to build for the future. Write in detail. All answers confidential.
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SOCMA Gets Picture

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aware of it and are given no information. The Italians are better informed on the benefits of the program to their government, but know little about its individual applications.

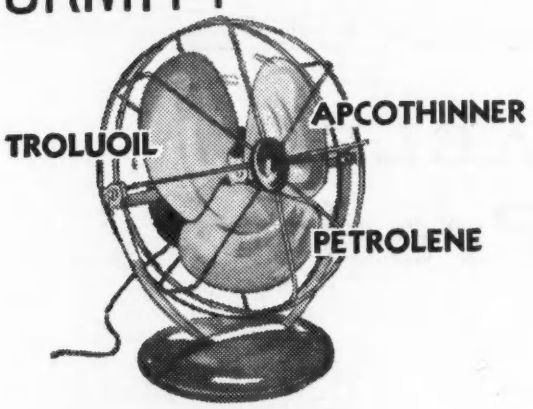
Sidney C. Moody, president of the association, reported the enrollment of one new member, the Belle Chemical Company, Reading, Pa., and introduced its representatives. He also told of the consideration being given toward the formation of committees of the chemical industry in connection with the new National Production Authority.

A third round of chemicals has been set up for tariff discussion at the Torquay conference, Mr. Moody said. It includes two synthetic dyestuffs. The association has filed a brief in opposition to reductions of duties in its lines. A hearing on the latest proposals will begin September 25.

Counselor John Lerch said that summaries of several pending cases of litigation involving matters of principle would be given in the circulated minutes of the meeting.

The attendance at the luncheon was the largest in the association's history.

UNIFORMITY



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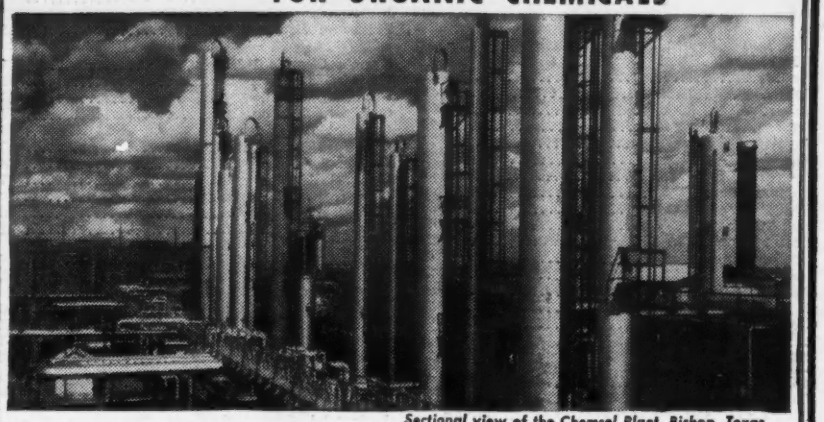

Sectional view of the Chemcel Plant, Bishop, Texas.

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